



Bushnell

2017



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Bushnell has been the industry leader in high-performance sports optics for more than 65 years. Our guiding principle is to provide the highest quality, most reliable and affordable sports optics products on the market. And, our commitment to outstanding customer service and strong retailer partnerships is unmatched.

Bushnell proudly supports Folds of Honor, which provides educational scholarships to the spouses and children of service members killed or disabled during U.S. military service.

Bushnell is also a proud member of the National Deer Alliance, an organization dedicated to uniting deer hunters, managers and enthusiasts.







“YES, THAT’S COVERED”

**LIFETIME
WARRANTY**

BUSHNELL’S NEW NO QUESTIONS ASKED LIFETIME WARRANTY*

We make them waterproof, fogproof, shockproof, trampled-by-an-ATV proof, and even bear-snack proof. Regardless if it got broken, busted, shattered, cracked or crushed. No matter what happens, the answer will always be, “YES, THAT’S COVERED.” It’s Bushnell’s absolute, everlasting pledge to honor your purchase with the security of our No Questions Asked Lifetime Warranty. We’re proud to guarantee your complete satisfaction, and promise to repair or replace your product and ship it back to you at absolutely no charge.

***Encompasses the following product families within riflescopes, binoculars and spotting scopes:**

- Trophy®
- Trophy® Xtreme
- Legend®
- AR® Optics
- Elite® 3500/4500/6500
- Elite® Tactical

No Questions Asked Lifetime Warranty

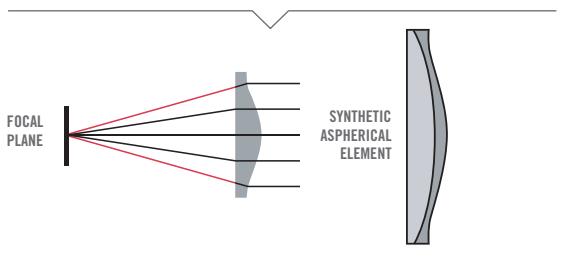
- Fully transferable, covers accidental damage as well as defects in materials & workmanship.
- No receipt or warranty card is required.
- We will repair or replace product with equal or similar value and/or specifications.
- We will return product to you at no charge.

REVEALING OUR BRILLIANCE ONE VIEW AT A TIME.

Bright. Clear. HD Imagery. A 65-plus year masterwork of ruggedness, clarity and light transmission, our Elite® binoculars represent the pinnacle of optical performance for today's outdoor enthusiast. Want bright? Fully multi-coated and featuring XTR® technology, our Advanced Fusion Hybrid Lens System delivers 99.7 percent light transmission per lens. The result is unmatched edge-to-edge clarity, contrast and color-true imagery – pushed to the highest levels with the use of premium ED Prime glass. For clarity in the foulest conditions, our patented RainGuard® HD coating eliminates lens fogging, boosts brightness and scatters moisture even faster than the original RainGuard.

HYBRID-FUSION TECHNOLOGY

The aspherical lens delivers superior edge-to-edge resolution.



RAINGUARD® HD

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.



XTR® TECHNOLOGY

Using 60 layers of coatings on each prism, this revolutionary system harnesses and optimizes available light, boosting Elite binoculars to their world-leading 99.73 percent light transmission per lens. It's exclusive to Bushnell®, and hands-down the most efficient means for transporting light through an optical system.

ELITE®

Inspired by a combined commitment to heritage and innovation to create the sharpest, clearest and brightest optics available today.



8x 42mm 628042ED
10x 42mm 620142ED

A versatile choice for steady viewing with extended eye relief and a wider field of view.



7x 26mm 620726

Outstanding brightness and clarity. Sized to go everywhere.



ED PRIME GLASS

ED Prime Extra-Low Dispersion fluorite glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.



PC-3® PHASE COATING

A chemical coating applied to the prisms to enhance resolution and contrast for the brightest and clearest images possible.

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	PC-3® PHASE COATING	LENS COATING	RAIN-GUARD® HD	FIELD OF VIEW ft. @1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
620726	7x 26	Compact	Center	Porro	BaK-4	Yes	Fully Multi	Yes	363 / 121	7 / 2.4	3.7	16	Twist-Up	12 / 342	No	No
628042ED	8x 42	Standard	Center	Roof	BaK-4	Yes	Fully Multi & XTR	Yes	330 / 110	8 / 2.4	5.25	19.5	Twist-Up	25.7 / 728	Yes	Yes
620142ED	10x 42	Standard	Center	Roof	BaK-4	Yes	Fully Multi & XTR	Yes	314 / 104.7	8 / 2.4	4.2	15.5	Twist-Up	26.1 / 740	Yes	Yes



**BRING THESE, AND YOU
CAN TELL MOTHER NATURE
TO BRING IT.**

They lock out moisture and soak up abuse with housings that are O-ring sealed, nitrogen purged and wrapped in rubber armor. The fully multi-coated optics are treated with our permanent, patented RainGuard® HD coating, so your view stays bright and clear when conditions don't. For stellar edge-to-edge sharpness and detail, the wide-angle porro prisms are crafted of premium BaK-4 glass. So let old Mother Nature throw or serve up whatever she wishes. She'll need a couple aspirin after a day with a Legend®.

FEATURES

BaK-4 roof prisms ▶ ED Prime glass ▶ Ultra Wide Band Coating
RainGuard® HD water-repellent lens coating ▶ Waterproof/fogproof
Fully multi-coated optics ▶ PC-3® Phase Coated prism
Twist-up eye caps



10x 25mm 190125

Compact lightweight pocket size.



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	PC-3® PHASE COATING	LENS COATING	RAIN-GUARD® HD	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD
190125	10x 25	Compact	Center	Roof	BaK-4	No	Fully Multi	Yes	285 / 95	6 / 1.8	2.56	15.5	Twist-Up	8.1 / 230	Yes	No

THE NEXT GENERATION OF LEGENDARY IS HERE.

Best in every class, with an industry-best guarantee.

How do you make a legend better? Make one for everyone. The Legend E, L and M series binoculars are quite simply the most feature-filled binoculars at any price. The entire line is backed with the all-weather assurance of Bushnell's exclusive RainGuard® HD coating. Built with a lightweight magnesium chassis and fully multi-coated optics for amazing light transmission, the E Series demonstrates excellence on every level. The L Series takes these attributes further, adding industry-leading features such as ED Prime Glass and a locking eyepiece diopter. For maximum brightness and clarity, the M Series adds a dielectric coating to ensure high color reproducibility and 92 percent light transmission. No matter which Legend you choose, you'll get best-in-class performance at no risk with our exclusive warranty.



LEGEND FAMILY COMPARISONS

FEATURES	LEGEND M SERIES	LEGEND L SERIES	LEGEND E SERIES
Magnesium Chassis	✓	✓	✓
RainGuard® HD	✓	✓	✓
Fully Multi-Coated Optics	✓	✓	✓
Lead Free Glass	✓	✓	✓
PC-3® Prism Phase Coating	✓	✓	✓
Ultra Wide Band Coating	✓	✓	✓
* ED Prime Glass	✓	✓	
* Locking Eyepiece Diopter	✓	✓	
* Dielectric Prism Coating	✓		
* Open Bridge Design	✓		

* Indicates added features

LEGEND M SERIES



8x 42mm 199842
10x 42mm 199104

Sets a new standard for performance in the field with maximum brightness, definition and clarity.



RAINGUARD® HD

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.



LEAD-FREE GLASS

Lead-free glass means we use no lead in the glass lenses or prisms. By using enviro-friendly materials, we're not only helping you see the outdoors in stunning clarity, we're doing our part to keep them beautiful.



PC-3® PHASE COATING

A chemical coating applied to the prisms to enhance resolution and contrast for the brightest and clearest images possible.



ULTRA WIDE BAND COATING

An anti-reflection coating process that is customized for every lens element in the optical path, in order to allow the maximum amount of light from the front glass all the way back to the eyepiece. The result? Optimum brightness and true color across the light spectrum.



ED PRIME GLASS (SELECT MODELS)

ED Prime Extra-Low Dispersion fluorite glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.



DIELECTRIC (SELECT MODELS)

This coating features reflectance that exceeds 99%. By utilizing light interference, this coating assures high reflectivity across the full visible range, and ensures high color reproducibility allowing 92% Light Transmission.



LEGEND L SERIES



8x 42mm 198842
10x 42mm 198104
10x 42mm 198105 (Xtra Camo)

NEW
10x 50mm 198106
12x 50mm 198107



LEGEND E SERIES



8x 42mm 197842
10x 42mm 197104

Puts excellence in the field into reach for a whole new segment of outdoor enthusiasts.



MODEL	MAGNIFICATION X OBJ. LENS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	PC-3® PHASE COATING	LENS COATING	RAIN-GUARD® HD	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	LENGTH	WATER/FOG PROOF	ADAPT TO TRIPOD	LOCKING DIOPTER
199842	8x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	426 / 142	6.5 / 1.9	5.3	18	Twist-Up	25.5 / 722	6.5"	Yes	Yes	Yes
199104	10x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	340 / 113	8 / 2.4	4.2	22	Twist-Up	26.5 / 751	6.5"	Yes	Yes	Yes
198842	8x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	426 / 142	6.5 / 1.9	5.3	19	Twist-Up	23.5 / 666	5.5"	Yes	Yes	Yes
198104	10x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	340 / 113	8 / 2.4	4.2	18	Twist-Up	23.5 / 666	5.5"	Yes	Yes	Yes
198105	10x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	340 / 113	8 / 2.4	4.2	18	Twist-Up	23.5 / 666	5.5"	Yes	Yes	Yes
NEW 198106	10x 50	Center	Roof	BaK-4	Yes	Fully Multi	Yes	340 / 113	10 / 3.0	5	15	Twist-Up	29.2 / 830	6.5"	Yes	Yes	Yes
NEW 198107	12x 50	Center	Roof	BaK-4	Yes	Fully Multi	Yes	280 / 93	10 / 3.0	5	15	Twist-Up	29.2 / 830	6.5"	Yes	Yes	Yes
197842	8x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	426 / 142	6.5 / 1.9	5.3	22	Twist-Up	22.4 / 635	5.5"	Yes	Yes	Yes
197104	10x 42	Center	Roof	BaK-4	Yes	Fully Multi	Yes	340 / 113	8 / 2.4	4.2	17.2	Twist-Up	23 / 652	5.5"	Yes	Yes	Yes

WHAT TO WEAR WHEN SHOPPING FOR FREE-RANGE MEAT.

All New Trophy Xtreme.

Dollar for dollar, it's the most clarity available today.

So you can browse Mother Nature's big wild grocery store with surgical precision. Their rugged armor plate encases fully multi-coated lenses in a waterproof, fogproof vault of impenetrability. Aggressive, ergonomic design makes for easy handling while the improved 3-step eyecups provide better fit and comfort. Larger objective lenses with higher magnification deliver best-in-class clarity and brightness. And new lens covers are built to stay in place. Choose from three tough-as-nails models that are as affordable as they are indestructible—like the urge to get to your next hunt.

Bushnell
NO QUESTIONS ASKED

"YES, THAT'S COVERED"

LIFETIME
WARRANTY



TROPHY®
XTREME



NEW
8x 56mm 335856

Great wide field of view. The ultimate objective lenses deliver a light gathering performance that must be seen to be believed.



FEATURES

BaK-4 roof prisms ▶ PC-3® Phase coating prisms ▶ Fully multi-coated lenses for maximum light transmission and optimum brightness ▶ Heavy-duty, 100% waterproof/fogproof construction ▶ 3 step twist-up eyecups allow quick adjustment for optimum eye relief ▶ Large center-focus knob for precise focusing – even when wearing gloves ▶ Trim, ergonomic shape for easy, all-day use ▶ Textured, non-glare, non-slip rubber armor absorbs shock ▶ Diopter adjustment for precise and reliable adjustments



NEW
12x 50mm 335012

Outstanding long-range binoculars with large objective lenses for superior light gathering.



NEW
10x 50mm 335105

The large lenses offer quality views of the landscape with optimal light gathering performance.

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	PC-3® PHASE COATING	LENS COATING	FIELD OF VIEW ft. @1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD	
NEW	335105	10x 50	Standard	Center	Roof	BaK-4	Yes	Fully Multi	315/105	10/3	5	17	Twist-Up	31.8/902	Yes	Yes
NEW	335012	12x 50	Standard	Center	Roof	BaK-4	Yes	Fully Multi	273/91	10/3	4.1	15	Twist-Up	31.2/885	Yes	Yes
NEW	335856	8x 56	Standard	Center	Roof	BaK-4	Yes	Fully Multi	300/100	10/3	6.9	17	Twist-Up	38.1/1080	Yes	Yes

PURE HUNTING PERFORMANCE.

Its industry leading clarity, priced to leave competitors eating dust on a shelf.

They're armor-plated, waterproof, fogproof and built to take nature's worst while delivering best-in-class durability and clarity. This aggressive, ergonomic performer houses fully multi-coated lenses with new objective lens covers that stay in place. And all four models feature 2-step eyecups for improved fit and comfort. For serious hunters who won't settle for anything less than the brightest images, at a price that's more than affordable.



TROPHY®

10x 28mm 332810

Handy compact packing big-time brightness and clarity.



8x 32mm 333208

Rugged, mid-size roof prism is excellent for outdoor travel.



FEATURES



BaK-4 roof prisms ▶ Fully multi-coated lenses for maximum light transmission and optimum brightness ▶ Heavy-duty, 100% waterproof/fogproof construction ▶ 2 step twist-up eyecups allow quick adjustment for optimum eye relief ▶ Large center-focus knob for precise focusing – even when wearing gloves ▶ Trim, ergonomic shape for easy, all-day use ▶ Textured, non-glare, non-slip rubber armor absorbs shock ▶ Diopter adjustment for precise and reliable adjustments



REALTREE
Xtra

8x 42mm

334208
334209 (Xtra camo)



REALTREE
Xtra

10x 42mm

334212 (Green)
334210 (Bone Collector)
334211 (Xtra camo)

*Durable ergonomic design
will ensure reliable
performance. Ideal for
viewing wildlife.*

*Ideal magnification for hunting at
long ranges and wide field of view.*

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
332810	10x 28	Compact	Center	Roof	BaK-4	Fully Multi	298/99	10/3	2.8	15.3	Twist-Up	12/340	Yes	Yes
333208	8x 32	Midsize	Center	Roof	BaK-4	Fully Multi	393/131	10/3	4	16.5	Twist-Up	15.5/439	Yes	Yes
334208	8x 42	Standard	Center	Roof	BaK-4	Fully Multi	395/132	10/3	5.3	17.5	Twist-Up	25.8/731	Yes	Yes
334209	8x 42	Standard	Center	Roof	BaK-4	Fully Multi	395/132	10/3	5.3	17.5	Twist-Up	25.8/731	Yes	Yes
334210	10x 42	Standard	Center	Roof	BaK-4	Fully Multi	330/110	10/3	4.2	15.2	Twist-Up	25.3/731	Yes	Yes
334211	10x 42	Standard	Center	Roof	BaK-4	Fully Multi	330/110	10/3	4.2	15.2	Twist-Up	25.3/731	Yes	Yes
334212	10x 42	Standard	Center	Roof	BaK-4	Fully Multi	330/110	10/3	4.2	15.2	Twist-Up	25.3/731	Yes	Yes

OFFSET THE RISING COST OF LIVING TO BE OUTDOORS.

Our Legacy series is custom-fit for a wide range of outdoor enthusiasts, but especially appealing for those on a budget. Yes, the cost is reasonable, but we didn't scrimp on optical performance. All models feature fully multi-coated optics and premium BaK-4 prisms for exceptional light transmission and image clarity. Rugged rubber armoring provides a sure grip and soaks up abuse. And they're 100 percent waterproof. It's a solid, well-rounded lineup with a single purpose – everything outside.



10x 50mm 120150

*Big 50mm objective
for a larger, brighter
field of view.*



FEATURES

BaK-4 prisms ▶ Fully multi-coated optics ▶ 100% waterproof/fogproof (model 121225 is weatherproof) ▶ Wide-angle field of view (65 degrees, except zoom) ▶ Rubber armored for secure grip
Center focus ▶ Twist-up eyecups ▶ Long eye relief



8x 42mm 120842

*An exceptionally versatile,
easy-handling configuration.*

10–22x 50mm 121225

Incredible zoom versatility and extreme viewing power.



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @ 1000yds. / m @ 1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
120842	8x 42	Standard	Center	Porro	BaK-4	Fully Multi	430 / 143	12 / 3.6	5.3	18	Twist-Up	26.5 / 751	Yes	Yes
120150	10x 50	Standard	Center	Porro	BaK-4	Fully Multi	341 / 114	18 / 5.5	5.0	18	Twist-Up	30.5 / 865	Yes	Yes
121225	10–22x 50	Standard	Center	Porro	BaK-4	Fully Multi	199/60@10x / 126/38@22x	20 / 6	5.0 / 2.3	14	Twist-Up	34.2 / 969	Weatherproof	Yes



7x 50mm 137501

Well-balanced, bright and steady
for long hours on the water.



7x 50mm
DIGITAL* 137570

Features a built-in, 3-axis
digital compass for
true heading.



FEATURES

BaK-4 porro prisms for bright, clear, crisp viewing
Fully multi-coated optics ► 100% waterproof/fogproof
O-ring sealed and nitrogen purged to keep out moisture
Highly resistant to saltwater corrosion ► Non-slip, non-skid
rubber armor cushions bumps and shock, prevents sliding and
provides a firm grip when wet ► Hermetically sealed
Fold-down eyecups 100% UV protection



7x 50mm w/Reticule
137500

A classic marine bino with internal
rangefinder and illuminated compass.

RUGGED AND RELIABLE, ON DECK AND OFF.

Buoyant, waterproof and corrosion resistant. So even if they take a dive, these rock-solid workhorses still perform good as new. Our digital model includes an Integrated TILT feature, with Liquid Crystal

Display read-out for optimum stabilization even on unruly waters. Ultra-bright, crisp views are built in with their fully multi-coated optics and premium BaK-4 prism glass. And the rugged rubber armor absorbs shock and gives you a sure grip in extreme nautical environments.

*The digital compass delivers reliable accuracy in both Northern and Southern Hemispheres.



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
137501	7x 50	Standard	Individual	Porro	Bak-4	Fully Multi / UV	380 / 127	25 / 7.6	7.1	18	Fold-Down	36 / 1021	Yes	Yes
137570	7x 50	Standard	Individual	Porro	BaK-4	Fully Multi / UV	367 / 122	35 / 10.6	7.1	18	Fold-Down	37 / 1050	Yes	Yes
137500	7x 50	Standard	Individual	Porro	BaK-4	Fully Multi / UV	350 / 117	35 / 10.6	7.1	18	Fold-Down	37 / 1050	Yes	Yes

THE ONLY THING WE DIDN'T DO IS TEACH THEM TO SWIM.

The ultimate on-the-water viewing companions. Even in the most challenging conditions, our ever-popular H2O™ binoculars stay on board and in your hands with a Soft Texture Grip. O-ring sealed and nitrogen purged, stunning views are assured no matter how wet they get. And to maximize light transmission and clarity, multi-coated optics and premium quality BaK-4 prism glass are included. From streamside to the Gulf Stream, the world looks better through the Bushnell® H2O.

8x 42mm 134218
10x 42mm 134211
12x 42mm 134212
7x 50mm 157050

Our all-purpose, full-size BaK-4 porro prism for high magnification at a distance.



H2O



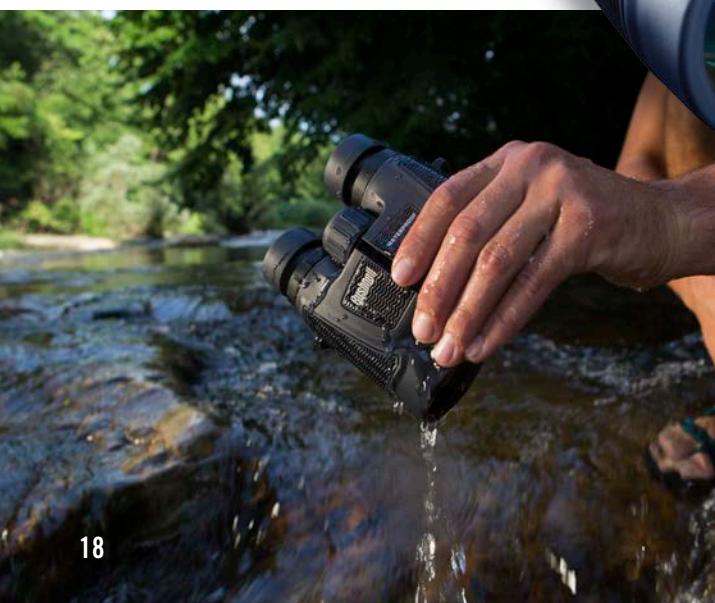
Waterproof Construction

Waterproof construction and textured, non-slip rubber pads give you a grip on the situation, even where it is slippery, wet and wild.



Non-Slip Rubber Armor

However wet the conditions get, the rugged rubber armor gives you a sure grip while absorbing shock.



FEATURES

BaK-4 prisms for bright, clear, crisp viewing ▶ Multi-coated optics for superior light transmission ▶ 100% waterproof: O-ring sealed and nitrogen purged for reliable, fog-free performance ▶ Non-slip rubber armor absorbs shock while providing a firm grip ▶ Twist-up eyecups ▶ Large center-focus knob for easy adjustments ▶ Longer eye relief



8x 42mm 158042
10x 42mm 150142

Choose 8x or 10x – both pack powerful, bright optics into a 100 percent waterproof package.



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD
158042	8x 42	Standard	Center	Roof	BaK-4	Multi	325 / 123	12 / 3.6	5.25	17	Twist-Up	25 / 709	Yes	Yes
150142	10x 42	Standard	Center	Roof	BaK-4	Multi	305 / 102	12 / 3.6	4.2	17	Twist-Up	25 / 709	Yes	Yes
134218	8x 42	Standard	Center	Porro	BaK-4	Multi	410 / 137	18 / 5.5	5.25	17	Twist-Up	27.2 / 771	Yes	Yes
134211	10x 42	Standard	Center	Porro	BaK-4	Multi	341 / 114	15 / 4.6	4.2	16	Twist-Up	27 / 765	Yes	Yes
134212	12x 42	Standard	Center	Porro	BaK-4	Multi	267 / 89	15 / 4.6	3.5	15	Twist-Up	27 / 765	Yes	Yes
157050	7x 50	Standard	Center	Porro	BaK-4	Multi	352 / 117	29.5 / 9	7.1	20	Twist-Up	34.5 / 980	Yes	Yes

NATURE'S VIEWS AT THEIR MOST BRILLIANT.

Specially adapted to capture natural wonders.

The most remarkable species are those most adapted to their environment. To see them, your binos must be equally versatile. Bringing bright, sharp views in most environments, NatureView® binos are ideal for outdoor lovers of all ages. Everything you see here delivers high optical performance with extended eye relief for more comfortable viewing. And all are made with environmentally friendly, lead-free glass, helping to protect nature's sights for generations to enjoy.



**Backyard Birder
Combo with CD
8x 40mm** 220840

*The classic birding
binocular. Ideal for beginners.*

FEATURES

BK-7 multi-coated optics ▶ Fold down eyecups



ROOF-PRISM MODEL FEATURES

BaK-4 roof prisms for bright, clear, crisp viewing ▶ Fully multi-coated optics for superior light transmission and brightness ▶ Textured center-focus knob for easy, precise adjustments ▶ Rugged, non-slip rubber armor absorbs shock
Waterproof/fogproof construction

PORRO-PRISM MODEL FEATURES

BaK-4 porro prisms for bright, clear, crisp viewing ▶ Fully multi-coated optics for superior light transmission and brightness ▶ Textured center-focus knob for easy, precise adjustments ▶ Rugged, non-slip rubber armor absorbs shock



8x 42mm 224208
10x 42mm 224210

*Premium performance for
all-day viewing comfort.*



6x 30mm
220630

Bright and clear with a class-leading field of view and an awesome close-focus range. Streamlined design easily goes anywhere you can.



8x 32mm 220832

Provides bright, clear and crisp images. Ideal for birding and wildlife observation.



8x 42mm 228042
10x 42mm 220142

Outstanding long-range binocular. Ideal for long-distance birding or wildlife observation.



Lead-free glass means we use no lead in the glass lenses or prisms. By using enviro-friendly materials, we're not only helping you see the outdoors in stunning clarity, we're doing our part to keep them beautiful.

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD
224208	8x 42	Standard	Center	Porro	BaK-4	Fully Multi Coated	435 / 145	12 / 3.7	5.25	16	Twist-Up	27.0 / 765	No	Yes
224210	10x 42	Standard	Center	Porro	BaK-4	Fully Multi Coated	345 / 115	11.5 / 3.5	4.2	15	Twist-Up	27.8 / 788	No	Yes
220630	6x 30	Standard	Center	Porro	BaK-4	Fully Multi Coated	419 / 140	9 / 2.7	5	20	Twist-Up	17.3 / 490	Yes	No
220832	8x 32	Standard	Center	Roof	BaK-4	Fully Multi Coated	393 / 131	5 / 1.7	4	16.5	Twist-Up	16 / 454	Yes	No
228042	8x 42	Standard	Center	Roof	BaK-4	Fully Multi Coated	393 / 131	5 / 1.7	6	17.5	Twist-Up	23.1 / 654	Yes	Yes
220142	10x 42	Standard	Center	Roof	BaK-4	Fully Multi Coated	325 / 108	13 / 4.0	4.2	15.2	Twist-Up	23.1 / 654	Yes	Yes
BACKYARD BIRDER														
220840	8x 40	Standard	Center	Porro	Bk-7	Multi Coated	365 / 122	14 / 4.3	5	14	Fold-Down	25.4 / 720	No	Yes

WORTH THEIR WEIGHT IN CASH YOU'D SPEND ON FRONT-ROW SEATS.

Put yourself in the middle of the action from **anywhere** in the stands with our Spectator® Series binoculars. With an extra-wide field of view and a PermaFocus® design that never needs adjustment to be razor-sharp, you'll never miss a second, inch or yard of the action. See it all through bright, clear multi-coated optics and pass 'em around – their rugged, lightweight housings are built for the long haul. The dual-power offering allows you to change from a wide field of view at 5x to a closeup at 10x without ever taking your eyes off the prize. Also choose from our pocket-sized compact or two full-size models for even greater coverage area and brightness.



4x 30mm 130521

*Ideal fast-paced sports binocular
featuring lower power for widest possible view.*

FEATURES

Fully-coated lenses ▶ Extra-wide field of view ▶ Soft fold-down eyecups ▶ Non-slip rubber armor absorbs shock while providing a firm grip

TWICE THE VIEWING AREA



← Standard View →
← Xtra-Wide® View →

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
130521	4x 30	Mid-Size	Free	N/A	N/A	Fully	900 / 300	N/A	7.5	10	Fold-Down	14.5 / 411	No	No

AN UNSHAKEABLE VIEW, EVEN WITH UNSTEADY HANDS.



NEW
8x 25mm
180825

*Reduces natural hand shake.
Ideal for spectators, bird watchers, tourists.*



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
NEW 180825	8x 25	Mid-Size	Eyepiece	Roof	BAK-4	Fully	395 / 121	9 / 3	3.1	15	Twist-up	0.58 / 300 without battery	No	No

PERMANENTLY SHARP AND CLEAR, NO ADJUSTMENT NEEDED.

Lose your focus and some of life's finest opportunities can pass you by. This hard-earned lesson drove the creation of our PermaFocus® binocular series. Simply raise them to your eyes and catch the action instantly with stunning clarity – no adjustment necessary. Their unique focus-free feature keeps them dialed in for instantaneous viewing at virtually any distance. They're perfect for fast action at sporting events, nature observation and winter days when gloves would hinder the use of standard-focus binoculars. Precision-crafted, fully coated optics offer bright, crisp images. Magnify life instantly with our PermaFocus series.



7x 50mm 175007
10x 50mm 175010
12x 50mm 175012

*Full-size and full-featured
for increased brightness
at long distances.*

FEATURES

Fully coated optics for superior light transmission and brightness ▶ Unique focus-free feature stays in focus at most viewing distances ▶ Non-slip rubber armor absorbs shock while providing a firm grip



10x 42mm 171043
10x 42mm 171044C (camo)



Streamlined roof prism model.

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD
171043	10x 42	Standard	Free	Roof	BK-7	Fully	305 / 102	*	4.2	14	Twist-Up	18.8 / 533	No	No
171044C	10x 42	Standard	Free	Roof	BK-7	Fully	305 / 102	*	4.2	14	Twist-Up	14.1 / 400	No	No
175007	7x 50	Standard	Free	Porro	BK-7	Fully	372 / 124	*	7.1	20	Fold-Down	27.2 / 771	No	Yes
175010	10x 50	Standard	Free	Porro	BK-7	Fully	341 / 113	*	5.0	14	Fold-Down	31 / 879	No	Yes
175012	12x 50	Standard	Free	Porro	BK-7	Fully	265 / 88	*	4.2	9	Fold-Down	31 / 879	No	Yes

* Note: Focus-free models are designed for viewing distant subjects. The close-focus limit is subjective and dependent on the user's eyesight.

THE WORLD'S BEST-SELLING LINE OF BINOCULARS.

The #1 choice for millions of folks. PowerView.® The powerhouse of the binocular industry, and the most trusted optics in the world for a simple reason – they're the optimum combination of performance and value for any pursuit. Features such as their soft-touch grip pads put them a notch above the rest, and everything looks better through bright, clear, fully-coated optics. And we purposely crafted these bins with a lightweight, streamlined design so you never have to go without them. The ultimate go-anywhere, do-anything lineup, PowerView features a wide variety of magnifications, styles and sizes to accommodate everything from an extended backcountry hike to a short run to the concert hall.



10x 42mm

141043 (camo)

*High-magnification,
full-size viewing ideal for
long-range observation.*



FEATURES

Fully or multi-coated optics for superior light transmission and brightness ▶ Non-slip rubber armor absorbs shock while providing a firm grip ▶ Contemporary styling



10x 42mm 141042
10x 50mm 151050C

*High-magnification, full-size viewing
ideal for long-range observation.*



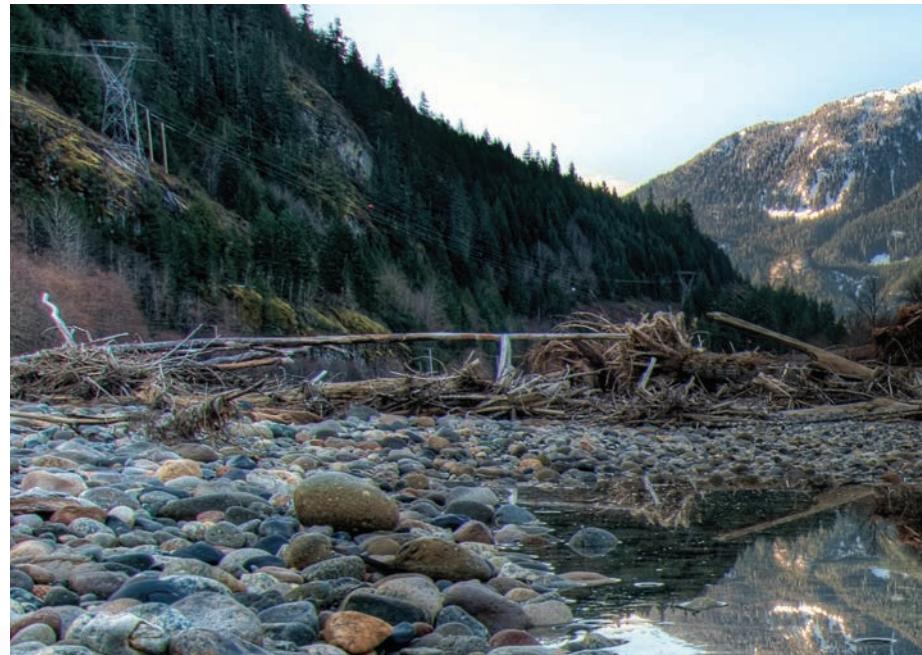
Non-Slip Rubber Armor

*However wet the conditions
get, the rugged rubber armor
gives you a sure grip while
absorbing shock.*

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @ 1000yds. / m @ 1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD
141042	10x 42	Standard	Center	Roof	BK-7	Multi	293 / 98	23 / 7	4.2	15	Twist-Up	23.7 / 673	No	Yes
141043	10x 42	Standard	Center	Roof	BK-7	Multi	293 / 98	23 / 7	4.2	15	Twist-Up	24.4 / 692	No	Yes
151050C	10x 50	Standard	Center	Roof	BK-7	Multi	300 / 100	30/100	4.5	16	Twist-Up	23.3 / 776	No	Yes

“ALL-AROUND” MEANS KEEP A SET IN YOUR VEHICLE, DAY PACK, DEN, DESK DRAWER ...

High-quality, all-around top performers. There's a model for every adventure. At prices that don't make owning one of each out of the question. Our porro-prism PowerView® series is a combination of precision optics, durability and versatile styling that will make the most of your time outdoors. One look and it's clear – you simply can't do any better for the money.



10x 50mm	131056
12x 50mm	131250
16x 50mm	131650
20x 50mm	132050

Popular magnifications, great for examining detail at long range.



FEATURES

Multi-coated optics on all full-size models for superior light transmission and brightness
Fully coated optics on all compacts ▶ Non-slip rubber armor absorbs shock while providing a firm grip ▶ Contemporary styling





10x 50mm 131055 (camo)

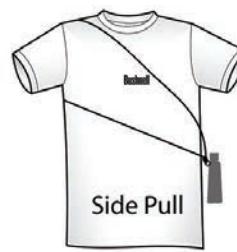
Popular magnifications, great for examining detail at long range.



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/ FOG PROOF	ADAPT TO TRIPOD
131056	10x 50	Standard	InstaFocus	Porro	BK-7	Multi	341 / 114	20 / 6	5.0	10	Fold-Down	25 / 709	No	Yes
131055	10x 50	Standard	InstaFocus	Porro	BK-7	Multi	341 / 114	20 / 6	5.0	10	Fold-Down	25 / 709	No	Yes
131250	12x 50	Standard	InstaFocus	Porro	BK-7	Multi	267 / 88	40/12.2	4.2	7	Fold-Down	29.8 / 845	No	Yes
131650	16x 50	Standard	InstaFocus	Porro	BK-7	Multi	204 / 61	35/10.7	3.1	10	Fold-Down	29.3 / 832	No	Yes
132050	20x 50	Standard	InstaFocus	Porro	BK-7	Multi	170 / 57	45/13.7	2.5	9	Fold-Down	30 / 851	No	Yes

NEW**Ultra-Light Bino Harness 19126C***Used for binoculars, rangefinders and cameras.*

- Easy to stretch binoculars to view through yet firmly hold binoculars to your chest
- Field tested for over three years and stretch cord does not lose its shape or effectiveness
- Virtually no wind vibration as experienced with wide strap type harness
- Fasteners are made of proven durable composite
- 2 year warranty on parts & materials

**FEATURES**

One size fits all ▶ Quick release hardware ▶ Fast single point adjustment ▶ 5 Ways to wear ▶ Rugged shock cord – won't break down ▶ Built for comfort

**Deluxe Bino Harness 19125C**

A carry solution of unparalleled comfort and performance. Our Deluxe Bino Harness keeps the weight off your neck and keeps your optics front and center no matter where the hunt takes you.

Tripod/Window Mount 784406C

Ultra-compact tripod that's easily taken along anywhere and converts to a car window mount. Max height: 8"

**Binocular Tripod Adapter 161002CM**

Mounts any tripod-ready binocular to any standard tripod. Recommended for prolonged observation with any binocular of 10x or more.



BINOCULAR. A binocular consists of two optical systems that are joined by a hinge and (typically) share a common focusing mechanism. The ability to create an image for both eyes simultaneously provides a realistic perception of depth. Binoculars are available in a great variety of sizes, magnifying powers and features to suit any purpose or preference.

Coated Optics

Lens surface coatings reduce light loss and glare due to reflection for a brighter, higher-contrast image with less eye strain.

Types of Lens Coatings

Coated: A single layer on at least one lens surface.

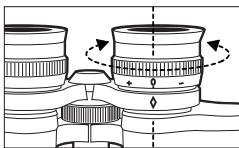
Fully Coated: A single layer on all air-to-glass surfaces.

Multi-Coated: Multiple layers on at least one lens surface.

Fully Multi-Coated: All air-to-glass surfaces feature multiple layers of anti-reflective coating. Fully multi-coated optical systems deliver the brightest, highest-contrast images with the least amount of eye strain because only a very small percentage of light is lost before it reaches the viewer's eye.

Diopter Adjustment

A fine-focus adjustment ring usually provided around one eyepiece to accommodate for vision differences between the right and left eyes.



ED Prime Glass

ED Prime Extra-Low Dispersion glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.



Lead-Free Glass

Made with enviro-friendly materials. That means we use no lead in the glass lenses or prisms. Now you can see the outdoors with stunning clarity, and do your part to keep it beautiful.

Exit Pupil

Refers to the size of the circle of light visible at the eyepiece of a binocular. The larger the exit pupil, the brighter the image. To determine the size, divide the objective lens diameter by the power (an 8x 32 model has an exit pupil of 4mm).

Eye Relief

The distance a binocular can be held away from the eye and still present the full field of view. Extended or long eye relief reduces eyestrain and is ideal for eyeglass wearers.

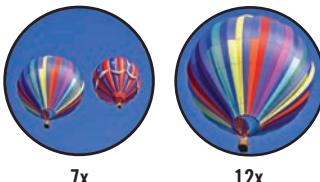
Field of View (F.O.V.)

The side-to-side measurement of the circular viewing field or subject area. It is defined by the width in feet or meters of the area visible at 1,000 yards or meters. A wide-angle binocular features a wide field of view and is better for following action. Generally, the higher the magnification, the narrower the field of view.



Magnification (Power)

Binoculars are often referred to by two numbers separated by an "x." For example: 8x 32. The first number is the power, or magnification, of the binocular. With an 8x 32 binocular, the object being viewed appears to be eight times closer than you would see it with the unaided eye.

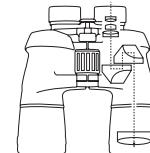


Objective Lens

The second number in the formula (8x 32mm) is the diameter of the objective or front lens measured in millimeters. The larger the objective lens, the more light that enters the binocular and the brighter the image.

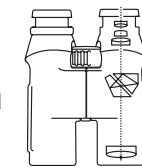
Porro Prism System

In porro prism binoculars, the objective or front lens is offset from the eyepiece. Porro prism binoculars provide greater depth perception and generally offer a wider field of view.



Roof Prism System

In roof prism binoculars, the prisms overlap closely, allowing the objective lenses to line up directly with the eyepiece. The result is a slim, streamlined shape in which the lenses and prisms are in a straight line. Roof-prism binoculars are less bulky and more rugged than an equivalent porro model.



Prism Glass

Most optical prisms are made from borosilicate (BK-7) glass or barium crown (BaK-4) glass. BaK-4 is the higher-quality glass, yielding brighter images and high edge-to-edge sharpness.



RainGuard® HD

With this permanent, patented, hydrophobic and oleophobic lens coating, a foggy view is no longer an issue. This unique coating acts on water drops from rain, snow, sleet and even your own breath, reducing them into much smaller droplets. These tiny drops scatter less light, ensuring a clearer, brighter view.

Resolution

Resolution, or definition, is the ability of a binocular to distinguish fine detail and retain clarity.

PC-3® Phase Coating

Found on the best roof-prism binoculars, this chemical coating is applied to the prisms to enhance resolution and contrast. It would not provide an advantage on porro-prism models.



Ultra Wide Band Coating

An anti-reflection coating process that is customized for every lens element in the optical path, in order to allow the maximum amount of light from the front glass all the way back to the eyepiece. The result? Optimum brightness and true color across the light spectrum.



Waterproof/Fogproof

Some binoculars are O-ring sealed and nitrogen purged for total waterproof and fogproof protection. These models can withstand complete immersion in water and stay dry inside. The interior optical surfaces won't fog due to rapid temperature change or humidity.



XTR® Technology

As light passes through the many prisms and lenses of a roof-prism binocular, some light is usually lost along the way. Our exclusive new XTR technology – utilizing 60 layers of coatings on each prism – conserves, harnesses and optimizes the available light. XTR delivers an amazing 99.73 percent light transmission per lens for a combined light transmission of 90 percent, making the Bushnell Elite® series the brightest binocular in its class.



Dielectric

This prism coating features reflectance that exceeds 99%. By utilizing light interference, this coating assures high reflectivity across the full visible range, and ensures high color reproducibility allowing 92% Light Transmission.



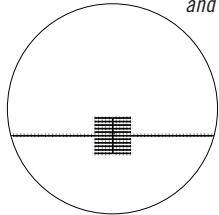
FAILURE IS NOT IN YOUR VOCABULARY; IT'S NOT IN OURS, EITHER

Elite® Tactical and Legend Tactical are built with a sense of duty and a commitment to excellence – the same attributes that live in the hearts of the brave men and women who uphold the American way of life. Our Elite Tactical and Legend Tactical products are designed to master the most demanding challenges on the planet – mission after mission, match after match. The combination of professional grade optics, rugged design and advanced reticle options provide optimum performance in every tactical shooting application.



**8-40x 60mm
Elite Tactical LMSS**
780840 (Tactical)
780841H (Tactical)

Extraordinary close-up views from extreme ranges. 5x magnification ratio in a lightweight, tough-as-nails package. Features ED prime glass for incredibly vivid details and fully multi-coated optics for the brightest images.

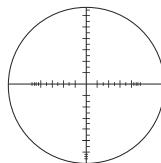


**LEGEND
TACTICAL**



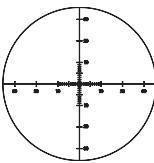
**NEW
15-45x 60mm
T-Series**
781545ED (Tactical)

The Mil-Hash reticle works in tandem with the Mil-Base riflescope reticle, which helps speed up the zeroing process.



**10x 42mm
Monocular**
191144 (Tactical)

Built-in Mil-Hash reticle aids in distance estimation, compensating for bullet trajectory and speeds up the zeroing process.



FEATURES

ED Prime glass ▶ Ultra Wide Band Coating ▶ RainGuard® HD ▶ Waterproof/fogproof
Fully multi-coated ▶ BaK-4 prisms ▶ Twist-up eyecup ▶ Picatinny rail mount
Mil-Hash reticle (model 780840, 781545ED, 191144) ▶ PC-3® Phase Coating



"YES, THAT'S COVERED"**LIFETIME WARRANTY****20–60x 80mm**

784580

Our finest scope with a 45° eyepiece.**20–60x 80mm**

780008

Our finest scope with a straight-thru design.**15–45x 60mm**

781548P

*One of our most rugged and robust spotting scopes. Compact size for great versatility.**Twist-up eyepiece***MODEL 781548P FEATURES**

PC-3® Phase Coating ▶ BaK-4 prisms ▶ RainGuard® HD ▶ 100% waterproof ▶ Rubber armored ▶ Zoom eyepiece ▶ Protective case

MODEL 780008/784580 FEATURES

ED Prime Extra-Low Dispersion glass ▶ RainGuard HD ▶ 100% waterproof ▶ Armored ▶ 20–60x zoom eyepiece ▶ BaK-4 prisms ▶ Protective case ▶ Retractable sunshade ▶ Twist-up eyepiece

**RAINGUARD® HD**

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.

**ED PRIME GLASS**

ED Prime Extra-Low Dispersion fluorite glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.

**PC-3® PHASE COATING**

A chemical coating applied to the prisms to enhance resolution and contrast for the brightest and clearest images possible. (Available on 781548P only)

**WATERPROOF / FOGPROOF**

Some scopes are sealed with O-rings and nitrogen purged for waterproof and fogproof protection. These models are able to withstand complete immersion and remain dry inside.

MODEL	MAGNIFICATION	OBJECTIVE	PRISM GLASS	RAINGUARD® HD	LENS COATING	FIELD OF VIEW (ft. @1000yds. / m @1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF / FOGPROOF	EYE RELIEF (mm)	
NEW	781545ED	15–45x	60	BaK-4	Yes	Fully Multi	180/60@15x / 60/20 @ 45x	4.0@15x / 1.5@45x	35 ft.	37/1049	11 / 28	Yes	30
	191144	10x	42	BaK-4	Yes	Fully Multi	340 / 113	4.2	13 ft.	13.2 / 374	5.5 / 139	Yes	15.2
	780840	8–40x	60	BaK-4	Yes	Fully Multi	250/83@8x / 50/16@40x	5@18x / 1.5@40x	30 ft.	37.1 / 1053	12.7 / 323	Yes	30
	784580	20–60x	80	BaK-4	Yes	Fully Multi	98/32@20x / 50/16.5@60x	4.1@20x / 1.4@60x	15 ft.	53 / 1484	17 / 432	Yes	18
	780008	20–60x	80	BaK-4	Yes	Fully Multi	98/32@20x / 50/16.5@60x	4.1@20x / 1.4@60x	15 ft.	53 / 1484	17 / 432	Yes	18
	781548P	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft.	26.5 / 750	12.2 / 310	Yes	15

EVERYTHING YOU'VE EVER WANTED IN A SPOTTING SCOPE.

Well, almost everything. Getting a B&C whitetail or rare bird species in it is your job. But we make the task as easy as possible with bright, razor-sharp imagery and a compact 100 percent waterproof design that excels in the most unforgiving conditions. Built on the same philosophy as our Legend® Ultra HD binoculars, the Legend Ultra HD spotting scope delivers exceptional field performance at a price most avid enthusiasts can afford. The ED Prime Extra-Low Dispersion glass, fully multi-coated optics and premium BaK-4 prisms capture the moment with vivid clarity and contrast, even in low-light conditions. Stacked, dual-focus controls permit you to make both rapid and fine-tuning adjustments. Lenses are protected by our new ultra-effective RainGuard® HD for the clearest possible view in the face of foul weather or condensation from your own misguided breath.



15-45x 60mm

785460ED

Mid-size model covering the popular 15-45x power range, with the clarity of ED glass and dual speed controls for fast and precise focusing.

FEATURES

ED Prime Extra-Low Dispersion glass ▶ 2-speed dual focus controls
RainGuard HD water-repellent lens coating ▶ 100% waterproof ▶ BaK-4 prisms ▶ Fully multi-coated optics ▶ Compact porro prism design ▶ Long eye relief ▶ Close focusing ▶ Zoom eyepiece ▶ Soft case and tripod included ▶ Retractable sunshade ▶ Twist-up eyecups



“YES, THAT’S COVERED”

LIFETIME
WARRANTY



RAINGUARD® HD

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.



ED PRIME GLASS

ED Prime Extra-Low Dispersion glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.

10x 42mm
Monocular 191142

At 10x magnification, this sleek, high-powered viewing companion will go anywhere you can and is ideal for all-around use.

FEATURES

ED Prime glass ▶ Ultra Wide Band Coating ▶ RainGuard® HD ▶ Waterproof/fogproof
Fully multi-coated ▶ BaK-4 prisms ▶ Twist-up eyecup ▶ Picatinny rail mount (page 32) ▶ PC-3® Phase Coating



LEGEND®

ULTRA-HD

Pinpoint precision. All-weather durability. The brightest view possible. And backed by our 100% Bulletproof Guarantee. It's what legends are made of.

12–36x 50mm 786350ED

A compact variable power companion that cuts big country down to size with bright, clear optics and up to 36x magnification.



FEATURES

- ED Prime Extra-Low Dispersion glass ▶ 2-speed dual focus controls
- RainGuard HD water-repellent lens coating ▶ 100% waterproof ▶ BaK-4 prisms ▶ Fully multi-coated optics ▶ Compact porro prism design ▶ Long eye relief ▶ Close focusing ▶ Zoom eyepiece ▶ Soft case and tripod included ▶ Retractable sunshade ▶ Twist-up eyecups ▶ Rotating tripod mount



20–60x 80mm

786081ED

Precision optics with a powerful magnification range, wrapped in a waterproof, rubber-armored housing.



MODEL	MAGNIFICATION	OBJECTIVE	RAINGUARD® HD	LENS COATING	FIELD OF VIEW (ft. @ 1000yds. / m @ 1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPieces AVAILABLE	EYE RELIEF (mm)
785460ED	15–45x	60	Yes	Fully Multi	140/46.6 @ 15x / 63/21 @ 45x	4.0 @ 15x / 1.3 @ 45x	18 ft.	40.4 / 1145	11.1 / 282	Yes	No	20
191142	10x	42	Yes	Fully Multi	340 / 113	4.2	6.5 ft.	13.2 / 374	5.4 / 137	Yes	No	15.2
786350ED	12–36x	50	Yes	Fully Multi	179/59 @ 12x / 90/30 @ 36x	4.2 @ 12x / 1.4 @ 36x	15 ft.	36.3 / 1030	10.5 / 267	Yes	No	17
786081ED	20–60x	80	Yes	Fully Multi	110/37 @ 20x / 51/17 @ 60x	4.0 @ 20x / 1.3 @ 60x	35 ft.	80.1 / 2300	16.5 / 419	Yes	No	18

THE ONLY THING MORE UP CLOSE AND PERSONAL INVOLVES A KNIFE.

Best-in-class brightness makes it the brightest hunter in its field. Affordability makes it the brightest choice at the checkout. This tough, Xtreme hunting partner inherits the same rugged ergonomic design as our Trophy® binoculars. An adjustable sun-shade with built-in objective cover protects big 50mm or 65 mm objectives. While a waterproof hard case, and side-carry soft case safely house an improved tripod and the hardest-working spotting scope money can buy.

NEW

16-48x 50mm 886015
20-60x 65mm 886520
20-60x 65mm 887520

Extra power for extra range, this is the ultimate portable, all-weather spotting scope for trophy hunting and birding.



TROPHY® XTREME



Premium hard-side and compact soft-side carrying cases included.



FEATURES

Porro-prism design ▶ Premium fully multi-coated optics
Zoom magnification up to 60x ▶ 100% waterproof rubber
armor construction ▶ Compact tripod w/window mount ▶
Premium waterproof hard-side case ▶ Compact soft-side case

MODEL	MAGNIFICATION	OBJECTIVE	PRISM GLASS	FIELD OF VIEW (ft. @1000yds. / m @1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	OTHER EYEPIECES AVAILABLE	EYE RELIEF (mm)	WATERPROOF/ FOGPROOF
886015	16-48x	50mm	BaK-4	125/42@16x / 60/20 @ 48x	3.1 @ 16x/1 @48x	25 ft.	31.4/890	13	No	16	Yes
886520	20-60x	65mm	BaK-4	105/35@20x / 50/17@60x	3.1 @ 20x/1 @60x	30 ft.	36.5/1035	15	No	18	Yes
887520	20-60x	65mm	BaK-4	105/35@20x / 50/17@60x	3.1 @ 20x/1 @60x	30 ft.	36.5/1035	15	No	18	Yes



The Bushnell collapsible spotting scope includes an aluminum-framed hard case, a soft case and an exclusive "scope glove" that wraps around your scope for easier hand holding. A window mount is also included for steady viewing from your car.

THIS COULD BE THE MOST POPULAR AND RELIABLE SCOPE EVER MADE.

Our standard Spacemaster® spotting scope has remained essentially unchanged since its introduction more than 20 years ago, for a good reason. If you don't already own one yourself, you probably know someone who does. The collapsible design and time-tested optics of the Bushnell® Spacemaster have made it the ideal choice for anyone that places tough demands on their spotting scope. Continuing the tradition, this scope is wrapped in thick rubber armor, and packed in a kit with a compact tripod and a carrying case.



15-45x 50mm

787345

Innovative collapsible design with a convenient 45° eyepiece.

FEATURES

15-45x zoom plus wide angle 25x eyepiece ▶ Fully coated optics ▶ Long eye relief
Rubberized surface finish ▶ Carrying case included

MODEL	MAGNIFICATION	OBJECTIVE	PRISM GLASS	RAIN-GUARD® HD	LENS COATING	FIELD OF VIEW (ft. @1000yds. / m @1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPICES AVAILABLE	EYE RELIEF (mm)
787345	15-45x, 25x	50	N/A	N/A	Fully	52/17@45x / 113/38@15x, 110/37@25x	3.3@15x / 1.1@45x / 2.0@25x	11 ft.	22.8 / 646	8 / 203.2	N/A	Included (25x)	14

PRECISION-ENGINEERED VERSATILITY.

The NatureView® will take on virtually any outdoor pursuit – from backyard birding to long-range nature observation. But it's still crafted with our single-minded dedication to superior optical performance. The NatureView features a wide field of view, extra-long eye relief and fully multi-coated optics, so your focus stays sharp... even if you can't decide where you really want to be.



LEAD-FREE GLASS

Lead-free glass means we use no lead in the glass lenses or prisms. By using enviro-friendly materials, we're not only helping you see the outdoors in stunning clarity, we're doing our part to keep them beautiful.



20-60x 65mm

786065



FEATURES

BaK-4 prisms ▶ Fully multi-coated optics ▶ Waterproof/fogproof
Lead-free glass ▶ Twist-up eyepiece ▶ Includes compact tripod,
soft-sided and water-resistant hardcase



MODEL	MAGNIFICATION	OBJECTIVE	LENS COATING	FIELD OF VIEW (ft. @ 1000yds. / m @ 1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPieces AVAILABLE	EYE RELIEF (mm)
786065	20-60x	65	Fully-Multi	50/16@60x / 110/36@20x	3.25@20x / 1.1@60x	30 ft.	35.6 / 1070	14.6 / 371	Yes	No	17

**18–36x 50mm**783618
783718 (camo)

Our waterproof products are designed to be air tight, so moisture stays out – even when submerged in water.

Includes a soft-sided and water resistant hardcase.

COMPACT AND BUILT FOR A LIFETIME OF ADVENTURE.

Full-size brightness and clarity in a streamlined package. A scope made to easily travel with you wherever you take it – from single-day trips to weeklong adventures – all at a valuable price. The 18–36x 50mm prism design offers versatile magnification ranges for any application, while the multi-coated optics deliver awesome visual command during dawn and dusk. With waterproof, fogproof housing, every model is built for the long haul.

FEATURES

50mm objective lens for a clear, bright image ▶ Multi-coated optics for increased light transmission ▶ 100% waterproof ▶ Rubber armor absorbs shock

12–36x 50mm 789332 (green)

Designed specifically for hunting applications where compact optics are a necessity. Other features include rubber armor, tripod and versatile car window mount.



Premium hard-side and compact soft-side carrying cases included.

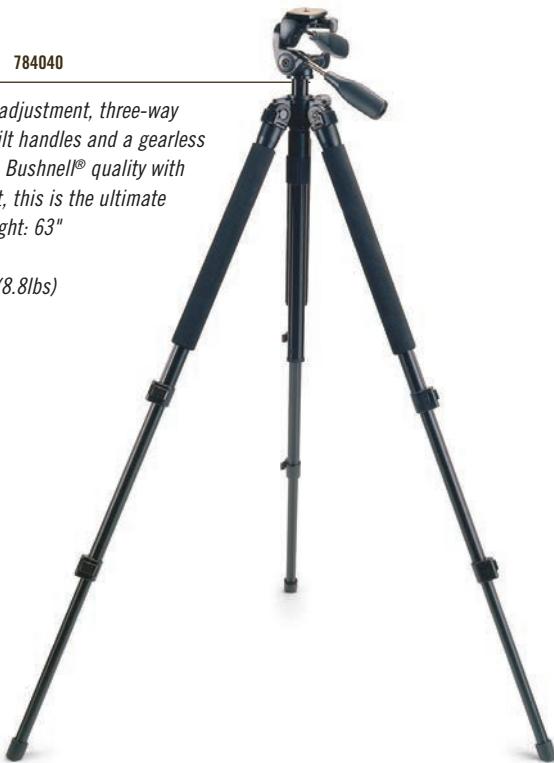


MODEL	MAGNIFICATION	OBJECTIVE	FIELD OF VIEW (ft. @1000yds. / m @1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	OTHER EYEPieces AVAILABLE	EYE RELIEF (mm)
783618	18–36x	50	112/38@18x / 67/22@36x	2.7@18x / 1.3@36x	14.7 ft.	25 / 708	12 / 304	N/A	16.5
783718	18–36x	50	112/38@18x / 67/22@36x	2.7@18x / 1.3@36x	14.7 ft.	25 / 708	12 / 304	N/A	16.5
789332	12–36x	50	140/46@12x / 65/21@36x	3.1@12x / 1.5@32x	12 ft.	21.5 / 600	8.7 / 221	N/A	14

Advanced Titanium 784040

Three-position leg angle adjustment, three-way pan head, two pan and tilt handles and a gearless reversible center column. Bushnell® quality with moderate carrying weight, this is the ultimate stand-up tripod. Max height: 63"

**Weight capacity = 4kg (8.8lbs)*



Advanced Tripod 784030

This is a full-featured stand-up tripod for viewing from a platform, roadside or deck where portability is not essential. Max height: 60" Weight Capacity: 4kg (8.8lbs)



Large Car Window Mount 784405

The traveling birder's secret. You'll see these mounts holding spotting scopes on car windows from Puget Sound to the Everglades.



Mini Tripod 784406C

Compact tripod that's easily taken along anywhere and converts to a car window mount. Max height: 8"

SPOTTING SCOPE. A high-powered, compact optical instrument used to view distant objects such as birds, wildlife, boats and landmarks, or by target shooters to verify accuracy.



Coated Optics

Coatings on lens surfaces reduce light loss and glare due to reflection, resulting in a brighter, higher-contrast image with reduced eye strain. Bushnell® spotting scope optics are coated with a microscopic layer of magnesium fluoride. More coating leads to better light transmission.

Types of Lens Coatings

Coated: A single layer on at least one lens surface.

Fully Coated: A single layer on all air-to-glass surfaces.

Multi-Coated: Multiple layers on at least one lens surface.

Fully Multi-Coated: Multiple layers on all air-to-glass surfaces.

Exit Pupil

The exit pupil refers to the size of the column of light that exits a spotting scope. The larger the exit pupil, the brighter the image. To determine the size, divide the objective lens diameter by the power. Thus, a 15x 45 model has an exit pupil, or useable light, of 3mm ($45/15 = 3$).

Eye Relief

The distance a spotting scope can be held away from the eye and still present the full field of view. Extended or long eye relief reduces eye strain and is ideal for eyeglass wearers.

Field Of View (F.O.V.)

Field of view is the side-to-side measurement of the circular viewing field or subject area. It is defined by the width in feet or meters of the area visible at 1,000 yards or meters. A wide field of view is better for following fast-moving action or scanning for wildlife. Generally, the higher the magnification, the narrower the field of view.



Magnification (Power)

Spotting scopes are often referred to by numbers separated by an "x." For example: 15–45x 60. The first part is the power, or magnification, of the spotting scope. With a 15–45x 60 variable power spotting scope, the object being viewed appears to be 15–45 times closer than you would see it with the unaided eye.

Near or Close Focus

The closest distance you can be to an object and maintain visual clarity.

Objective Lens Size

The number after the "x" in the formula (15–45x 60) is the diameter (60mm) of the objective or front lens. The larger the objective lens, the more light that enters the spotting scope and the brighter the image.

Lead-Free Glass

That means we use no lead in the glass lenses or prisms. Now you can see the outdoors with stunning clarity, and do your part to keep it beautiful.

Prism Glass

Most optical prisms are made from borosilicate (BK-7) glass or barium crown (BaK-4) glass. BaK-4 is the higher-quality glass, yielding brighter images and high edge-to-edge sharpness.

Prism Systems

The prism system turns what would otherwise be an upside-down image right side up.

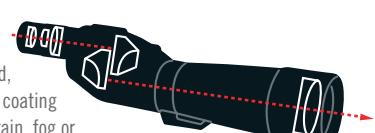
Roof-Prism System

The prisms overlap closely, allowing the objective lenses to line up directly with the eyepiece. The result is a slim, streamlined shape in which the lenses and prisms that magnify and correct the image are in a straight line.



Porro-Prism System

The objective or front lens is offset from the eyepiece. Porro prisms provide excellent performance and generally offer a wider field of view.



RainGuard® HD

With this permanent, patented, hydrophobic (water-repellent) coating on which condensation from rain, fog or snow forms in much smaller droplets than on standard coatings. Smaller droplets scatter less light, which results in increased light transmission and a clearer image.



Resolution

Resolution, or definition, is the ability of a spotting scope to distinguish fine detail and retain clarity.

ED Prime Glass

ED Prime Extra-Low Dispersion glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.



PC-3® Phase Coating

Found on the best scopes, this chemical coating is applied to the prisms to enhance resolution and contrast. Would not provide an advantage on porro-prism models.



Ultra Wide Band Coating

An anti-reflection coating process that is customized for every lens element in the optical path, in order to allow the maximum amount of light from the front glass all the way back to the eyepiece. The result? Optimum brightness and true color across the light spectrum.



Waterproof/Fogproof

Some scopes are sealed with O-rings and nitrogen purged for waterproof and fogproof protection. These models are able to withstand complete immersion and remain dry inside.



THE ULTIMATE FORCE MAGNIFIERS.

Make a high-performance tactical decision. Elite® Tactical: Designed alongside military and law enforcement experts, the optical superiority and unfailing reliability of this family has been further honed with a host of application-specific features. Z-Lok, Zero Stops, Rev limiter and T-Lok tactical turrets offer precise, repeatable positive adjustments. And, blacked-out or flat dark earth finish give optimum concealment. Sophisticated reticles enhance CQB and long range shooting. Led by the versatile powerhouse 3.5-21x 50mm, along with our 4.5-30x 50mm and 1-8.5x 24mm offerings, these mission-driven scopes are adapted to perform from the tightest quarters to the most extreme ranges. All so you can do what you do. You can always trust Elite Tactical.



Precision engineering. Optical excellence. Rock-solid reliability. They all converge in the finest family of tactical riflescopes in the world today.



FEATURES



NEW SMRS 1-6.5x 24mm



The decision to run a red dot or a riflescope on your AR just got easier. Red Dot performance at low magnification; ranging reticle capability at high magnification.

ET1626

Reticle: BTR-2

SFP

Finish: Matte ▶ Special Features: T-Lok locking target turrets, Throw Down PCL power change lever, .1 mil clicks, 8 mils/Rev.

SMRS 1-6.5x 24mm



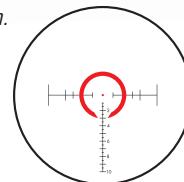
Close-quarters precision with outstanding mid-range capability. With true 1x magnification and BTR-2 reticle, these scopes deliver instant target acquisition and a mil based ranging T for longer range shots. A superb choice in either the tactical environment or 3-gun competition.

ET1624SJ

Reticle: Illuminated BTR-2

SFP

Finish: Matte ▶ Special Features: Capped turrets, .1 mil Click Value, 11 illumination settings and 30mm tube



SMRS 1-8.5x 24mm



Short overall length with low to medium power and with high performance to deliver maximum results at short or long range. Available with First Focal Plane (FFP) Illuminated BTR-2 reticle.

ET18524

Reticle: Illuminated BTR-2

FFP

Finish: Matte ▶ Special Features: .1 mil Click Value, 10 mils/Rev., 11 brightness settings and 34mm tube

ERS 3.5-21x 50mm



Precision delivery from the tightest quarters to longest ranges, with a streamlined optical platform measuring only 13.2" long. Crafted with rock-solid, hammer-forged 34mm tube, locking turrets and zero stop.

ET35215GZ

Reticle: G2

FFP

Finish: Matte ▶ Special Features: Z-Lok zero stop, T-Lok locking target turrets, side parallax adjustment, .1 mil clicks, 10 mils/Rev., 2" sunshade

ET35215GZA

Reticle: G2

FFP

Finish: Flat Dark Earth ▶ Special Features: Z-Lok zero stop, T-Lok locking target turrets, side parallax adjustment, .1 mil clicks, 10 mils/Rev., 2" sunshade

**NEW****DMR & HDMR II**
3.5-21x 50mm

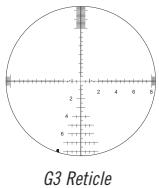
At less than 13" in length the HDMR/DMR offers more performance than any scope in its class. This scope provides long-range precision without sacrificing short-range capability.

ET36215G

Reticle: G3

FFP

Finish: Matte ▶ Special Features: Rev Limiter Zero Stop T-Lok locking windage turret, Side parallax adjustment, .1 mil clicks, 10 Mils/Rev., 2" sunshade



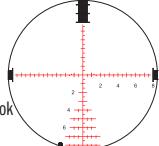
G3 Reticle

ET36215GI

Reticle: Illuminated G3

FFP

Finish: Matte ▶ Special Features: T-Lok locking target turrets, Side parallax adjustment, .1 mil clicks, 10 Mils/Rev., 2" sunshade



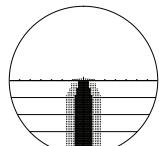
G3-i Reticle

ET36215H

Reticle: Horus H59

FFP

Finish: Matte ▶ Special Features: T-Lok locking windage turret, Side parallax adjustment, .1 mil clicks, 10 Mils/Rev., 2" sunshade



Horus H59

XRS
4.5-30x 50mm

The ultimate in repeatable accuracy, with our highest magnification range to split hairs at the farthest reaches. 34mm tube, locking target turrets and zero stop.

DMR AND HDMR II

Long-range shooters demand accuracy, precision and repeatability when engaging distant targets. Designed for serious long-range and precision shooters, the new Bushnell® Elite® Tactical DMR II-i delivers all of that in a powerful, short package. The new G3 illuminated reticle provides precision holdovers at any range and also allows shooters to more quickly engage moving targets in any light. The scope's illumination control is integrated with the side parallax focus in one simple knob for easy adjustability. The ThrowHammer™ Lever makes magnification changes a snap with the flick of a finger. The elevation turret provides 10 mils of adjustment per revolution and is also equipped with the easy-to-set RevLimiter™ zero stop for a positive return to zero. The features on the new DMR II-i scope add up to more time looking through your scope and less time adjusting it. The only thing more fun than drilling a target 1,000 yards away is doing it faster and more efficiently.

**ET45305GZ**

Reticle: G2

FFP

Finish: Matte
Special Features: Z-Lok zero stop, T-Lok locking target turrets, side parallax adjustment, .1 mil clicks, 10 mils/Rev., 2" sunshade

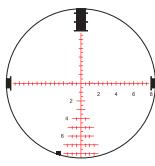
MODEL	FINISH	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (mils)	MOUNTING LENGTH (in. / mm)	
NEW	ET1626	Matte	1-6.5x 24	30mm	Illum. BTR-2	107.1/35.7@1x / 16.8/5.4@6.5x	23 / 652	10.2/267	3.74 / 95	11.4@1x / 3.7@6.5x	0.34 / 10	30 mils up / 20 mils LR	6.4 / 162
	ET1624SJ	Matte	1-6.5x 24	30mm	Illum. BTR-2	107.1/35.7@1x / 16.8/5.4@6.5x	17.3 / 489	10.3 / 262	3.74 / 95	11.3@1x / 3.5@6.5x	0.34 / 10	24 mils total	6.4 / 162
	ET18524	Matte	1-8.5x 24	34mm	Illum. BTR-2*	105.32@1x / 14.4@8.5x	23 / 652	10.2 / 265	3.5 / 89	13.2@1x / 3.2@8.5x	0.34 / 10	29 mils total	7.4 / 188
NEW	ET36215G	Matte	3.5-21x 50	34mm	G3*	25.3/8.4@1x / 5.1/1.7@6.5x	34 / 920	13.2 / 335	3.74 / 95	10.4@3.5x / 2.4@21x	0.34 / 10	30 mils up / 20 mils LR	6 / 154
NEW	ET35215GI	Matte	3.5-21x 50	34mm	Illum. G3-i*	25.3/8.4@1x / 5.1/1.7@6.5x	34 / 920	13.2 / 335	3.74 / 95	10.4@3.5x / 2.4@21x	0.34 / 10	30 mils up / 20 mils LR	6 / 154
NEW	ET35215H	Matte	3.5-21x 50	34mm	H-59*	25.3/8.4@1x / 5.1/1.7@6.5x	34 / 920	13.2 / 335	3.74 / 95	10.4@3.5x / 2.4@21x	0.34 / 10	30 mils up / 20 mils LR	6 / 154
	ET35215GZ	Matte	3.5-21x 50	34mm	G2*	26.8@3.5x / 5.1.5@21x	35 / 992	13 / 332	3.7 / 95	10@3.5x / 2.4@21x	0.34 / 10	29 mils total	6 / 154
	ET35215ZA	Flat Dark Earth	3.5-21x 50	34mm	G2*	26.8@3.5x / 5.1.5@21x	35 / 992	13 / 332	3.7 / 95	10@3.5x / 2.4 @21x	0.34 / 10	29 mils total	6 / 154
	ET45305GZ	Matte	4.5-30x 50	34mm	G2*	24/7.3@4.5x / 3.6/1@30x	37 / 1049	14.0 / 356	3.7 / 95	9@4.5x / 1.7@30x	0.34 / 10	Up 30 mils Right 15 mils	6.4 / 162
	ET45305Z	Matte	4.5-30x 50	34mm	H-59*	24/7.3@4.5x / 3.6/1@30x	37 / 1049	14.0 / 356	3.7 / 95	9@4.5x / 1.7@30x	0.34 / 10	Up 30 mils Right 15 mils	6.4 / 162

*First focal plane.

Available through authorized Elite Tactical Dealers only

THE BRIGHTEST VIEWS IN THE WORLD, FOR THE HIGHEST STAKES ON EARTH.

Low light and long distances present unique challenges to the precision shooter. The Bushnell® Elite® Tactical LRTS-i cuts through tough conditions with the new G3 Illuminated Reticle – allowing shooters to make precision holdovers at any range and engage moving targets in any light. Its illumination brightness control is integrated on the side parallax focus. The ThrowHammer™ Lever lets you change magnification power instantly. The elevation turret provides 10 mils of adjustment per revolution and is also equipped with the RevLimiter™ Zero Stop for a quick positive return to zero. The LRTS-i comes in two configurations: 3-12x44 and 4.5-18x44.



G3-i Reticle



G3 Reticle



Precision engineering. Optical excellence. Rock-solid reliability. They all converge in the finest family of tactical riflescopes in the world today.



NEW LRTS-i 3-12x 44mm

ET3124GI

Reticle: G3-i

SF

Finish: Matte ▶ Special Features: .1 Mil Click Value, 2" sunshade, side parallax adjustment



NEW LRTS-i 4.5-18x 44mm

ET45184GI

Reticle: G3-i

SF

Finish: Matte ▶ Special Features: .1 Mil Click Value, 2" sunshade, side parallax adjustment



NEW LRTS 3-12x 44mm

ET3124GA

Reticle: G3

SF

Finish: Flat Dark Earth ▶ Special Features: .1 Mil Click Value, 2" sunshade, side parallax adjustment



NEW LRTS 4.5-18x 44mm

ET45184GA

Reticle: G3

SF

Finish: Flat Dark Earth ▶ Special Features: .1 Mil Click Value, 2" sunshade, side parallax adjustment



ARGON PURGING

An improvement over traditional nitrogen purging, argon purging delivers the ultimate in long-term waterproof integrity. It's longer lasting thanks to a larger atom size, provides superior protection against thermal shock and won't bond with other elements like nitrogen.



ULTRA WIDE BAND COATING

Using 60 layers of coatings on each lens, this revolutionary system harnesses and optimizes available light, boosting Elite® riflescopes to their world-leading 99.73 percent light transmission per lens. It's exclusive to Bushnell®, and hands-down the most efficient means for transporting light through an optical system.



RAINGUARD® HD

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.



FULLY MULTI-COATED

Lens coatings on Bushnell riflescopes reduce light loss and glare due to reflection and improve light transmission. These coatings also provide a brighter, higher-contrast image with reduced eye strain. Elite riflescopes feature Fully Multi-Coated optics consisting of multiple layers of magnesium fluoride coating material applied to all air-glass surfaces.





3-12x 44mm

Mid-power scope offering bright, razor-sharp imagery and any-range utility.

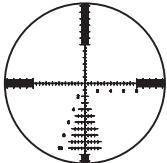
ET3124FG

Reticle: G2

FFP

Finish: Matte ▶ Special Features: .1 Mil

Click Value, 2" sunshade, side parallax adjustment



6-24x 50mm

Exceptional brightness and extended-range magnification with side parallax adjustment.

ET6245F

Reticle: Illuminated Mil-Dot

FFP

Finish: Matte ▶ Special Features:

.1 Mil Click Value, 2" sunshade, side parallax adjustment

ET6245FG

Reticle: G2

FFP

Finish: Matte ▶ Special Features:

.1 Mil Click Value, 2" sunshade, side parallax adjustment



5-15x 40mm

Ideal for long-range shooting. Featuring target turrets and an adjustable objective.

ET5154

Reticle: Mil-Dot

SFP

Finish: Matte ▶ Special Features: .25 MOA Click Value, 2" sunshade



4.5-30x 50mm

A lower cost alternative for the long-range shooter needing high magnification.

ET4305

Reticle: Mil-Dot

SFP

Finish: Matte ▶ Special Features: .25 MOA Click Value,

2" sunshade, side parallax adjustment.



10x 40mm

Fixed-power target scope, a proven performer for long-range shooters.

ET1040

Reticle: Mil-Dot ▶ Finish: Matte ▶ Special Features: .25 MOA Click Value

MODEL	PARALLAX ADJ	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)
NEW ET3124GA	Side	3-12x 44	30mm	G3*	34.8/11.6@3x / 9.3@12x	26.4 / 748	13.1 / 95	3.74 / 95	12.1@3x / 3.7@12x	0.34 / 10	24 mils total	5.6 / 144
NEW ET3124GI	Side	3-12x 44	30mm	Illum. G3-i*	34.8/11.6@3x / 9.3@12x	28 / 794	13.1 / 95	3.74 / 95	12.1@3x / 3.7@12x	0.34 / 10	24 mils total	5.6 / 144
NEW ET45184GA	Side	4.5-18x 44	30mm	G3*	23.5/7@4.5x / 6/2@18x	27.3 / 774	14.3 / 363	3.94 / 100	9.2@4.5x / 2.5@18x	0.34 / 10	24 mils total	6.6 / 167
NEW ET45184GI	Side	4.5-18x 44	30mm	Illum. G3-i*	23.5/7@4.5x / 6/2@18x	29 / 822	14.3 / 363	3.94 / 100	9.2@4.5x / 2.5@18x	0.34 / 10	24 mils total	6.6 / 167
ET6245F	Side	6-24x 50*	30mm	IR Mil-Dot*	17/5.7@6x / 4.5/1.5@24x	26.9 / 762	13.8 / 350	3.34 / 85	8.1@6x / 2@24x	0.34 / 10	24 mils total	5.9 / 152
ET6245FG	Side	6-24x 50	30mm	G2*	17/5.7@6x / 4.5/1.5@24x	26.9 / 762	13.8 / 350	3.34 / 85	8.1@6x / 2@24x	0.34 / 10	24 mils total	5.9 / 152
ET1040	Fixed	10x 40	1"	Mil-Dot	10.5 / 3.5	15.5 / 439	11.8 / 300.5	3.34 / 85	4@10x	0.25 / 7.3	±25 / ±7.3	6 / 153
ET3124FG	Side	3-12x 44	30mm	G2*	34.8/11.6@3x / 8.96/2.99@12x	24.4 / 690	13.4 / 340	3.74 / 95	12.1@3x / 3.7@12x	0.34 / 10	20 mils total	5.6 / 144
ET4305	Side	4.5-30x 50	30mm	Mil-Dot	21.7/7.2@4.5x / 3.4/1.1@30x	21 / 599	13.4 / 341	3.75 / 95	10.42@9.5x / 1.62@30x	0.25 / 7.3	UP±35 / ±10.2 R±19 / ±5.5	5.7 / 146.5
ET5154	Side	5-15x 40	1"	Mil-Dot	20.9/7@5x / 7/2.3@15x	21 / 599	14.3 / 362.5	3.34 / 85	8@5x / 2.6@15x	0.25 / 7.3	±15 / ±4.4	5.9 / 152

*First focal plane.

Available through authorized Elite Tactical Dealers only

A SIGHTING SYSTEM AS MISSION-ADAPTABLE AS YOU ARE.

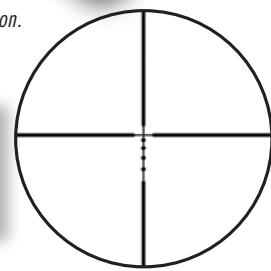
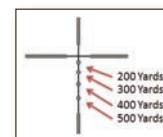
Max accuracy and reliability to master every tactical scenario. We took the bedrock precepts behind every riflescope we build – optical precision, rugged reliability and uncompromising performance – and pushed them ever further for the AR-platform. Features include target turrets for pinpoint-precise adjustments, plus caliber-specific reticles to deliver every round with peerless accuracy. AR Optics riflescopes are available in six configurations to equip every AR platform from 22 rimfire to long-range 223/5.56 or 308/7.62 firearms. New reticles in 300 Blackout and 6.5 Creedmore are available in 2017. These scopes feature fully multi-coated optics for incredible brightness, side parallax adjustment and our Drop Zone Ballistic Reticles. Forged to ultra-tight tolerances, built by the best name in the business—Bushnell AR Optics riflescopes.



1-4x 24mm AR91424

Outstanding close-quarters accuracy, with Drop Zone-223 ballistic reticle for mid-range precision.

DROP ZONE-223
Hold-Over Points



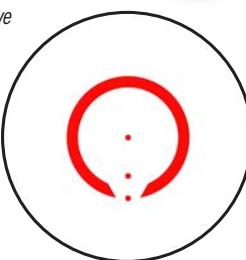
DROP ZONE-223 RETICLE



NEW 1-4x 24mm AR91424BI
1-4x 24mm AR91424I

Make lightning quick power changes with the exclusive Throw Down PCL™ power change lever.

Our BTR illuminated First Focal Plane reticle provides outstanding low light performance and accurate holdovers out to 300 yards.



ILLUMINATED RETICLE
300 Blackout

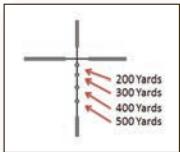


3-9x 40mm AR93940
 3-12x 40mm AR931240
 4.5-18x 40mm AR945184
 4.5-18x 40mm AR945184B

NEW 4.5-18x 40mm AR945184C

Versatile line up features target turrets, side parallax focus and our Drop Zone-223, Drop Zone-308 and Drop Zone-6.5 Creed ballistic reticles to accurately place rounds on target out to 500 yards.

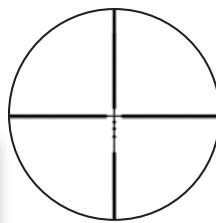
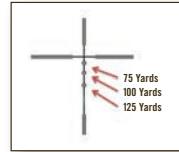
DROP ZONE-6.5
Hold-Over Points



2-7x 32mm AR92732

The choice for rimfire rifles. Equipped with side parallax focus and a Drop Zone 22 LR ballistic reticle.

DROP ZONE-22 Rimfire
Hold-Over Points



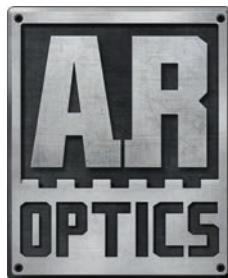
DROP ZONE-22 RETICLE

MODEL	FINISH	POWER/ OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MNTNG LENGTH (in. / mm)	
AR92732	Matte	2-7x 32	1"	Drop Zone-22 Rimfire	50/15@2x / 17/5 at 7x	19.6/555	11.3/287	3.7/95	13.5@2x / 4.6@7x	0.25/6.95	±50/1.3	4.6/118	
AR91424	Matte	1-4x 24	30mm	Drop Zone-223	112/27@1x / 37/9 at 4x	16.9/479	9.5/242	3.5/90	13.1@1x / 5.2@4x	0.5/13.9	±50/1.3	5.8/147	
NEW	AR91424BI	Matte	1-4x 24	30mm	Illum. Drop Zone-300 Blackout*	112/27@1x / 37/9 at 4x	16.9/479	9.5/242	3.5/90	13.1@1x / 5.2@4x	0.5/13.9	±50/1.3	5.8/147
AR91424I	Matte	1-4x 24	30mm	Illum. Drop Zone-223*	110/33@1x / 36/11 at 4x	17.3/492	9.4/240	3.6/93	13@1x / 6.0@4x	0.34/6.95	±60/1.7	5.9/150	
AR93940	Matte	3-9x 40	1"	Drop Zone-223	31/9@3x / 11/3 at 9x	21/600	12.2/310	3.7/95	13.1@3x / 3.5@9x	0.25/6.95	±55/1.5	4.8/124	
AR931240	Matte	3-12x 40	1"	Drop Zone-223	33/8.5@3x / 11/2.5 at 12x	21.3/604	12/305	3.7/95	13.7@3x / 3.7@12x	0.25/6.95	±50/1.3	4.6/118	
AR945184	Matte	4.5-18x 40	1"	Drop Zone-223	22/5.5@4.5x / 7.3/1.8 at 18x	21.5/609	12.4/315	3.7/95	8.6 @4.5x / 2.3@18x	0.25/6.95	±25/6.9	5.0/127	
AR945184B	Matte	4.5-18x 40	1"	Drop Zone-308	22/5.5@4.5x / 7.3/1.8 at 18x	21.5/609	12.4/315	3.7/95	8.6 @4.5x / 2.3@18x	0.25/6.95	±25/6.9	5.0/127	
NEW	AR945184C	Matte	4.5-18x 40	1"	Drop Zone-6.5 Creed	22/5.5@4.5x / 7.3/1.8 at 18x	21.5/609	12.4/315	3.7/95	8.6 @4.5x / 2.3@18x	0.25/6.95	±25/6.9	5.0/127

*First focal plane.

LASER AIMING BY AR OPTICS.

Precision optics don't always come in the form of a **scope**. In a perfect world, ample time would be given to each shot sent downrange. But the world is not perfect, and accuracy is paramount, especially in high-stress and close-quarter situations. Bushnell® AR Optics™ offers three distinct laser sights that ensure accuracy in any fast-moving scenario. Fume™ is the only forward grip laser approved for AR pistols. Frenzy™ is a bright, long-lasting over bore laser with a flip-up Back-up sight built in. Fuse™ features a laser built into a hi-rise optic mount that's compatible with every Bushnell® red dot sight. They bring an entirely new meaning to point-and-shoot.



NEW FRENZY™ OVER-BORE LASER

- Over-bore laser
- Integrated flip-up front sight
- One button operation with constant ON
- Red or green laser
- Battery replacement without removal
- Waterproof

SKU	DESCRIPTION
AR1001TR	Black w/ red laser
AR1001TG	Black w/ green laser



NEW FUME™ FORWARD GRIP LASER

- Legal for AR pistols
- Long battery life
- One button operation with constant ON
- Under-bore laser location
- Red or Green Laser
- Battery replacement without removal
- Waterproof

SKU	DESCRIPTION
AR1001BR	Black w/ red laser
AR1001BG	Black w/ green laser
AR1001TR	Flat Dark Earth w/ red laser
AR1001TG	Flat Dark Earth w/ green laser
AR1001GR	Metal Gray w/ green laser
AR1001GG	Gray w/ green laser



NEW FUSE™ HI-RISE MOUNT WITH LASER

- Replaces existing mount
- Offset laser
- One button operation with constant ON
- Compatible w/any red dot
- Red or green laser
- Battery replacement without removal
- Waterproof

SKU	DESCRIPTION
AR1003BR	Black w/ red laser
AR1003BG	Black w/ green laser



NEW
1-4x 24mm AR142BK

Features a compact design with the clarity and brightness better than Gen 2 analog devices.



Helmet not included
Includes J-Arm Adapter

FEATURES

Powerful infrared illumination ▶ (1) 2x Digital Monocular
Tactical Storage Pouch ▶ Rubber Eyecup ▶ Head mount J-arm
▶ Weapon Mount ▶ (2) AA Batteries ▶ Instructions
▶ Night Optics Decal ▶ Velcro Morale Patch

TAKE ADVANTAGE OF THE DARK WITH DIGITAL SENTRY

The Digital Sentry is Bushnell® AR Optic's first night vision monocular. The 2x monocular is multiple carry – it comes with helmet and weapon mounts, or can be used as a handheld device. The night vision is powered by an 850 nm LED IR Illuminator with an intensity control for clear images in any light, and the viewing area reaches out to 200 yards. It serves as a 2x magnifier during the day, and can be used with a red dot as a night aiming solution. The Digital Sentry is an excellent tool for hunters, outdoorsmen, homeowners and even paintball enthusiasts – anyone who needs to see clearly in the dark.



MODEL	TYPE	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft. / yds)	FIELD OF VIEW (Horizontal)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in.)	WEIGHT (oz. / g)
AR142BK	Digital	2x 28mm	660/220	6.4°	850nm	AA	6.75 x 2.25 x 2.13	8.9/252

NEUTRALIZE THE TARGET AT THE SPEED OF LIGHT.



The pinnacle of red dot aiming solutions are the most rugged, reliable partners you'll find when speed and accuracy are needed in a sight for your tactical firearm.

Our TRS-25 1x MP, 2x MP and Red/Green T-Dot sights feature multiple brightness settings and brilliant, multi-coated optics to deliver the ultimate confidence boost in low light. Weighing a mere 2.1 oz., our super-low-profile First Strike HiRise travels light on any tactical firearm, with an integral mount to attach easily to your AR-15 flat top. It conserves battery life by self-regulating brightness based on available light and powers down when the protective storage hood is attached.

First Strike HiRise

AR730005

For shotguns or rifles, this compact sight with 5 MOA red dot is fully waterproof and shockproof. It also features a self regulating brightness control. The supplied riser block positions the sight at optimum height on AR-15 flat tops or tactical shotguns.



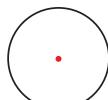
5 MOA
Red Dot



TRS-25 HiRise 1x 25mm

AR731306

Weighing in at 6 oz. the TRS-25 HiRise provides heavyweight performance. It features a 3 MOA red dot for precision shot placement. Eleven brightness settings provide optimum illumination in any light condition. The supplied riser block positions the sight at optimum height on AR-15 flat tops or tactical shotguns.



3 MOA
Red Dot



NEW

3x Magnifier

AR731304

Introducing the Bushnell® AR Optics™ 3X Magnifier. It perfectly pairs with AR Optics TRS-25 by Bushnell, but works with any Red Dot. The AR Optics 3X Magnifier mounts behind your optic and it comes with an ambidextrous flip mount. Engage the 3X magnifier when you need it; flip it out of the way when you don't. The fully multi-coated optics provide optimal light transmission are waterproof, fogproof and shockproof.



NEW

Enrage™ Red Dot

AR751305

Introducing our longest-lasting red dot scope, the Bushnell® AR Optics™ Enrage.™ The new member of the AR Optics family lasts twice as long as previous Bushnell red dot scopes. The 2 MOA dot is housed in multi-coated optics, ensuring a bright, crisp view for easy target acquisition. The Enrage includes an optional hi-rise mount.



NEW

Incinerate™ Red Dot

AR750132

Light up your target quickly with the Bushnell® AR Optics™ Incinerate.™ The new circle dot reticle makes target acquisition second nature. A 25 MOA circle naturally draws the eye to the 2 MOA center dot, making it ideal for both tactical rifles and shotguns. The rear sight on the Incinerate is compatible with Glock dovetail sights.



NEW

Engulf™ Red Dot

AR70006

Big-time performance doesn't always come in big packages. The Bushnell® Engulf™ is a micro reflex red dot sight small enough to fit on a pistol. It projects a 5-MOA dot through waterproof, fogproof and shockproof optics. The Engulf™ is the smallest, lightest red dot in the AR Optics family, and is ideal for close-quarter scenarios.



MODEL	FINISH	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	
AR730005	Matte	Unlimited	2.1 / 61	2 / 52	Unlimited	-	90 / 2.3	
AR731306	Matte	Unlimited	6.3 / 180	2.4 / 61.8	Unlimited	.5 / 14	70 / 1.9	
NEW	AR731304	Matte	34'	13.2 / 374	4.6	3.5"	NA	50
NEW	AR751305	Matte	Unlimited	9.8 / 278	4.5	Unlimited	.5 / 14	100
NEW	AR750132	Matte	Unlimited	10.2 / 289	4.8	Unlimited	.5 / 14	100
NEW	AR750006	Matte	Unlimited	3 / 85	1.8	Unlimited	.5 / 14	50



AS INDESTRUCTIBLE AND FUNCTIONAL AS THE LEGEND OF THE SAME NAME.

Introducing two bright sighting solutions for one of history's most resilient rifles. The AK Optics Riflescope highlights your target with an illuminated K7.62x29 BDC reticle. Eight brightness levels adapt to any setting, any time, anywhere. And its 1-piece aircraft aluminum tube is as rugged and relentless as your AK-47 itself.

Its quick-pointing dot with 11 intensity settings make the AK Optics Red Dot a standout in any shooting scenario. The integral mount works on any Picatinny rail or Weaver-style base. Don't let its incredibly light four ounces fool you. This waterproof, fogproof, shockproof performer hangs tough through the harshest use you care to show it.



NEW
AK 1-4x 24mm
AK91424

The 1-4x24 AK Optics scope with an illuminated BDC reticle is specifically calibrated for the AK-47 chambered in 7.62x39. The reticle offers ballistic drop points out to 500 yards for easy target acquisition.



NEW
AK 1x 25mm
AK731303

Designed for your AK-47, the lightweight, waterproof, fogproof and shockproof AK Optics Red Dot sight is the total package. The red dot provides an unmatched level of ease and accuracy when sighting in targets downrange.



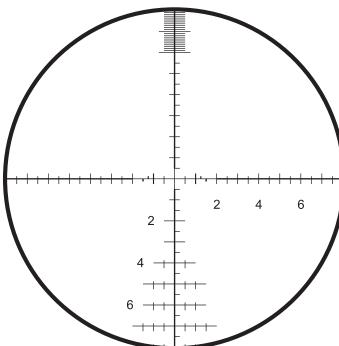
MODEL	FINISH	POWER/ OBI. LENS (mm)	FIELD OF VIEW (ft. @100yds. / m@100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm@100m)	ADJ. RANGE (in. @100yds. / m@100m)	MNTNG LENGTH (in. / mm)	
NEW	AK731303	Matte	1x 25	Unlimited	3.7 / 106	2.4 / 61.8	Unlimited	.22	1 / 25.4	70 / 1.9	1.1 / 28
NEW	AK91424	Matte	1-4x 24	140 / 27	18.4 / 522	11.3 / 286	3.5 / 89	.5 / 12.7	.25 / 7	70 / 1.9	7 / 178



NEITHER RAIN, NOR SNOW, NOR 20 MPH CROSSWIND AT 500 METERS.

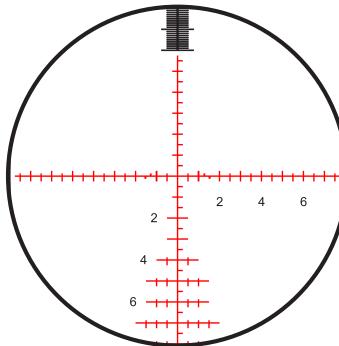
Deliver your appointed rounds
with ultimate precision and confidence
— no matter the mission.

We equip the designated marksman
with reticle options for every
application, for a single purpose:
One flawlessly placed shot.



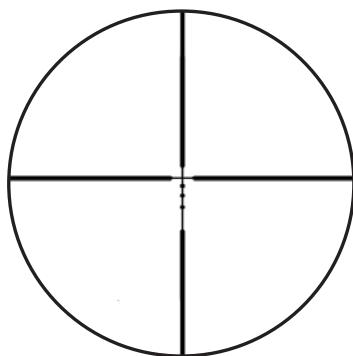
G3™

First Focal Plane reticle provides 10 mils of holdover with .5 mil graduations, along with windage holds highlighted at 1, 1.25 and 1.5 mils to make hitting moving targets a snap.



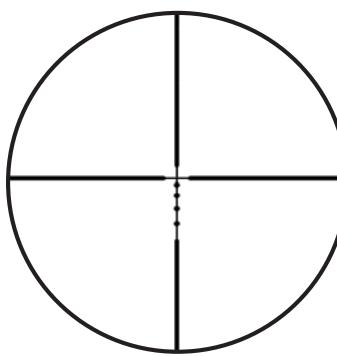
G3-i™ Illuminated

Illuminated, First Focal Plane reticle provides 10 mils of holdover with .5 mil graduations, along with windage holds highlighted at 1, 1.25 and 1.5 mils to make hitting moving targets a snap.



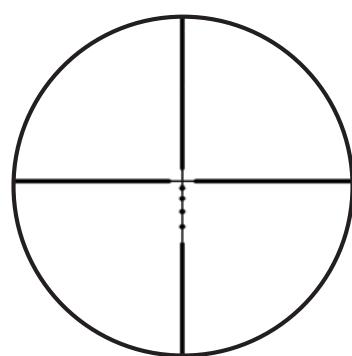
Drop Zone-22

Rimfire BDC Reticle. Calibrated for 38-40 grain, 22 Long Rifle high velocity loads. Zeroes at 50 yards, with aiming points out to 125 yards.



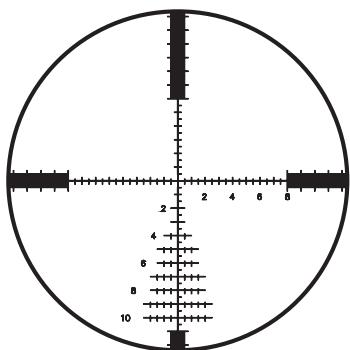
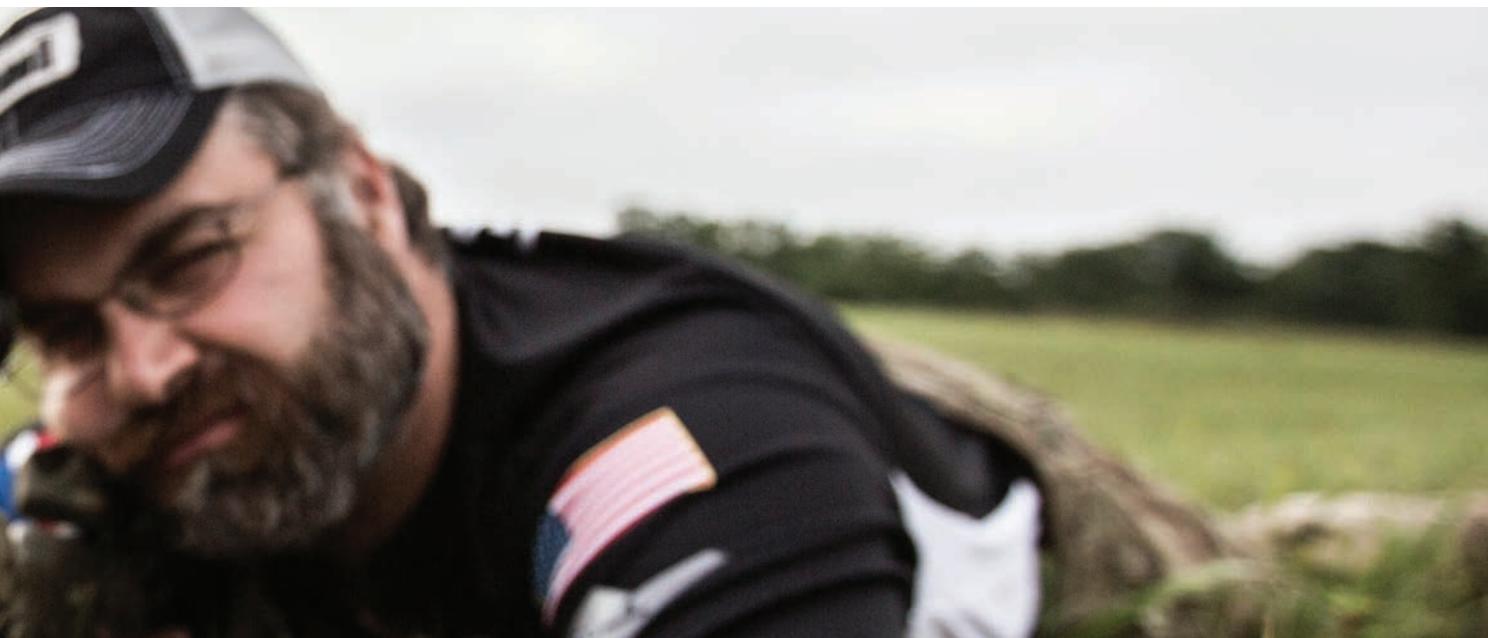
Drop Zone-223

Bullet Drop Compensating (BDC) Reticle. Calibrated for 55-62 grain, 223 REM/5.56 loads. Zeroes at 100 yards, with aiming points out to 600 yards.

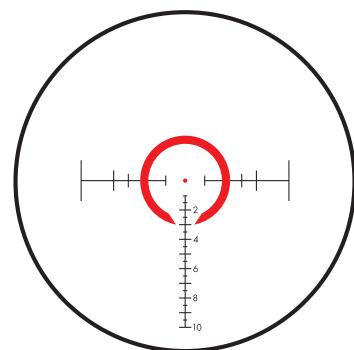


Drop Zone-308

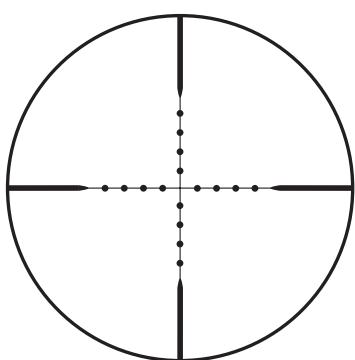
Bullet Drop Compensating (BDC) Reticle. Calibrated for 168-175 grain, 308/7.62 loads. Zeroes at 100 yards, with aiming points out to 600 yards.

**G2™**

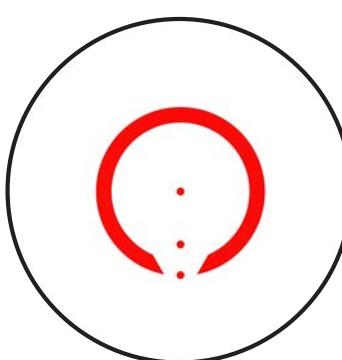
Features a First Focal Plane design that provides 10 mils of holdover with .5 mil graduations along with the capability to make .5 mil windage holds, all in a design that does not obscure a view of the target.

**BTR-2™**

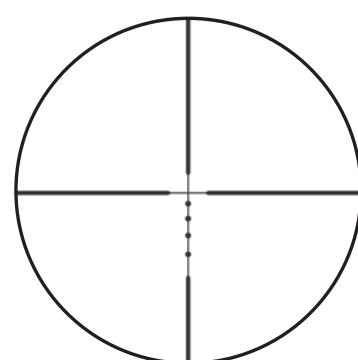
Bushnell Tactical Reticle. Features an illuminated mil-hash reticle. Provides 10 mil vertical stadia with .5 mil graduations. It is designed for ranging, holdover and windage correction in any caliber. The illuminated outer ring spans approximately 6 mils and offers a .3 mil aiming dot in its center.

**Mil-Dot™**

Mil-Dot Reticle. The original choice for estimating distance, windage and elevation calibration. A worldwide standard for long-range shooters.

**Drop Zone 300 Blackout Reticle.**

Calibrated for both 220-grain subsonic or 150-grain supersonic .300 Blackout loads, the first-focal plane reticle acts as a red dot at low power. At 4x magnification it offers aiming points out to 300 yards.

**Drop Zone 6.5 Creedmore.**

Second-focal plane reticle is calibrated for 140-grain 6.5 Creedmoor loads. Zero is at 100 yards, aiming points out to 600 yards for accurate placement of long-range shots.

SET YOUR SIGHTS ON YOUR TROPHY WITH LETHAL PRECISION.

The LRHS (Long Range Hunting Scope) is based on proven designs developed in our acclaimed Elite® Tactical scope line. However, the LRHS is not just a tactical or target scope dressed up for the field. It is a purpose-built optic specially designed with input from the experts to meet the needs of hunters who require optimum performance at extreme ranges.

New for 2016 hunters can now realize the advantages of an illuminated reticle in those final moments of legal shooting light.

The LRHS features Bushnell's exclusive G2H and G2M reticles. These miliradian- and MOA- based first focal plane reticles are specifically designed to allow hunters to range targets, and then holdover and counter the effects of wind at any magnification setting. The scope has a low profile, tactical-style elevation turret. After a zero is established, the elevation knob can be precisely returned to zero after "dialing up" by setting Bushnell's RevLimiter™ Zero Stop mechanism. The LRHS has fully multi-coated lenses for optimum clarity and 95 percent light transmission. Additionally, Bushnell's proprietary RainGuard® HD coating makes water and fog bead up and roll off lens surfaces so targets can be seen in the worst conditions when competitive scopes are unusable.

Step up to the Bushnell LRHS and extend your maximum effective range as a shooter and hunter.



NEW LRHSi 4.5-18x 44mm

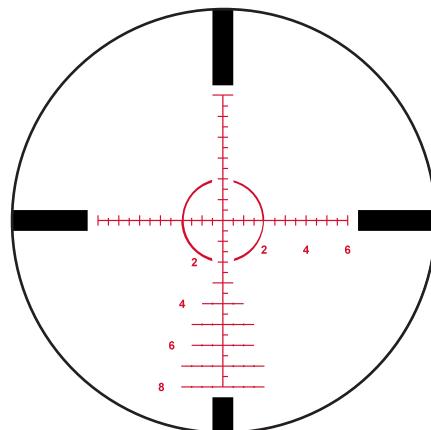
The ultimate long-distance hunting optic, now available with mil based illuminated reticle.

E45184HI

Reticle: G2H-i Mil

FFP

Finish: Matte ▶ .1 mil clicks with 10 mils per revolution of adjustment, 2" sunshade



*G2H-i Illuminated Reticle
(Available exclusively in the E45184HI)*



FEATURES

First focal plane G2H, G2H-i or G2M reticles allow ranging at any magnification ▶ RevLimiter™ zero stop on elevation turret allows instant return to zero ▶ 30mm tube for increased adjustment travel ▶ Target-style elevation turret and resettable, capped, windage turret ▶ RainGuard HD lens coatings ▶ Fully multi-coated optics ▶ Ultra Wide Band lens coatings ▶ Side parallax adjustment





LRHS 3-12x 44mm

Purpose built for long-range hunters.

E3124H

Reticle: G2H mil

FFP

Finish: Matte ▶ .1 mil clicks with
10 mils per revolution of adjustment,
2" sunshade



LRHS 4.5-18x 44mm

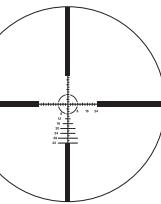
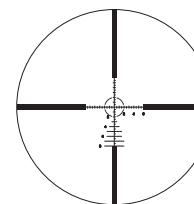
The ultimate long-distance hunting optic,
with mil or MOA based adjustments and reticles.

E45184H

Reticle: G2H Mil

FFP

Finish: Matte ▶ .1 mil clicks with
10 mils per revolution of adjustment



(Available exclusively in the E45184M)

E45184M

Reticle: G2M MOA

FFP

Finish: Matte ▶ .25 MOA clicks with
24 MOA per revolution of adjustment,
2" sunshade

MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @ 100yds. / m @ 100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @ 100yds. / mm @ 100m)	ADJ. RANGE (in. @ 100yds. / m @ 100m)	MOUNTING LENGTH (in. / mm)	
NEW	E45184HI	Side	4.5-18x 44	30mm	G2H-i mil	23.5/7@4.5x / 6/2@18x	26.5 / 751	14.2 / 360	3.94 / 100	9.2@4.5x / 2.5@18x	0.1 mil	24 mils total	6.6 / 167
	E3124H	Side	3-12x 44	30mm	G2H mil	34.8/11.6@3x / 8.96/2.99@12x	24.4 / 690	13.4 / 340	3.74 / 95	12.1@3x / 3.7@12x	0.1 mil	24 mils total	5.6 / 144
	E45184H	Side	4.5-18x 44	30mm	G2H mil	23.5/7@4.5x / 6/2@18x	26.5 / 751	14.2 / 360	3.94 / 100	9.2@4.5x / 2.5@18x	0.1 mil	24 mils total	6.6 / 167
	E45184M	Side	4.5-18x 44	30mm	G2M MOA	23.5/7@4.5x / 6/2@18x	26.5 / 751	14.2 / 360	3.94 / 100	9.2@4.5x / 2.5@18x	.25 MOA	80 MOA total	6.6 / 167

*First focal plane.

THE VIEW FROM THE TOP IS SIMPLY BRILLIANT.

The sharpest, clearest, brightest optics in world—that's the Elite® 6500. We've packed 65-plus years of innovation into this riflescope. With an ultra-rugged 30mm one-piece tube, you get extra adjustment travel and unfailing reliability that is recoil tested with 1,000 rounds of .375 H&H. Our proprietary RainGuard® HD coating allows you to hunt through rain, sleet or snow that would render other optics useless. And, our unprecedented low-light performance is taken to the next level with the addition of our Ultra Wide Band Coating. Fully multi-coated optics deliver an amazing 92.8 percent light transmission across 300 percent more of the visual light spectrum.



E L I T E®
6 5 0 0
PRECISION RIFLESCOPE

The Elite riflescope line now has three levels of industry-leading features and performance. For a 6.5x magnification range, ultimate light transmission and a rugged 30mm body, choose the Elite 6500 series.



ARGON PURGING

An improvement over traditional nitrogen purging, argon purging delivers the ultimate in long-term waterproof integrity. It's longer lasting thanks to a larger atom size, provides superior protection against thermal shock and won't bond with other elements like nitrogen.



ULTRA WIDE BAND COATING

Using 60 layers of coatings on each lens, this revolutionary system harnesses and optimizes available light, boosting Elite riflescopes to their world-leading 99.73% light transmission per lens. It's exclusive to Bushnell® and hands-down the most efficient means for transporting light through an optical system.



RAINGUARD® HD

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.



FULLY MULTI-COATED

Lens coatings on Bushnell riflescopes reduce light loss and glare due to reflection and improve light transmission. These coatings also provide a brighter, higher-contrast image with reduced eye strain. Elite riflescopes feature Fully Multi-Coated optics consisting of multiple layers of magnesium fluoride coating material applied to all air-glass surfaces.

FEATURES

30mm one-piece tube ▶ SFP (Second Focal Plane) ▶ RainGuard® HD ▶ Ultra Wide Band Coating ▶ Fully multi-coated optics ▶ Magnum recoil-proof construction ▶ 100% waterproof, fogproof and shockproof ▶ Argon purged ▶ $\frac{1}{4}$ MOA fingertip, audible and resettable windage elevation adjustment ▶ Side parallax adjustment



2.5–16x 42mm

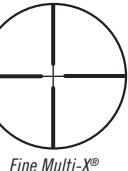
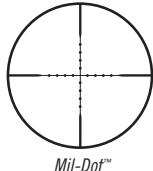
The ultimate all-around scope – up close to long-range precision.

652164M

Reticle: FMX ▶ Finish: Matte
Special Features: 3" sunshade, side parallax adjustment

652164B

Reticle: DOA 600 ▶ Finish: Matte
Special Features: 3" sunshade, side parallax adjustment



See page 75 for more information.



4.5–30x 50mm

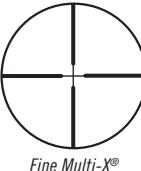
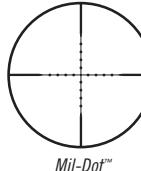
Magnum-powered magnification range with the three reticle options.

654305B

Reticle: DOA™ 600 ▶ Finish: Matte
Special Features: 5" sunshade, side parallax adjustment

654305M

Reticle: FMX ▶ Finish: Matte
Special Features: 5" sunshade, side parallax adjustment



See page 75 for more information.

2.5–16x 50mm

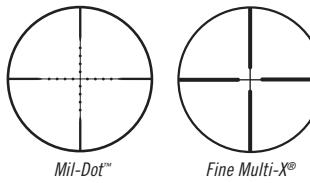
An all-around phenomenal low light performer with an extended field view.

652165M

Reticle: FMX ▶ Finish: Matte
Special Features: 5" sunshade, side parallax adjustment

652165MD

Reticle: Mil-Dot
Finish: Matte
Special Features: 5" sunshade, side parallax adjustment



MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @ 100yds. / m @ 100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @ 100yds. / mm @ 100m)	ADJ. RANGE (in. @ 100yds. / m @ 100m)	MOUNTING LENGTH (in. / mm)
652164B	Side	2.5–16x 42	30mm	DOA 600 CF	41/13.7@2.5x / 6.55/2.2@16x	17.3 / 491	13.5 / 343	3.9 / 100	16.8 / 2.6	.25 / 7	80 / 2	5 / 127
652164M	Side	2.5–16x 42	30mm	Fine Multi-X	41/13.7@2.5x / 6.55/2.2@16x	17.3 / 491	13.5 / 343	3.9 / 100	16.8 / 2.6	.25 / 7	80 / 2	5 / 127
652164MD	Side	2.5–16x 42	30mm	Mil-Dot	41/13.7@2.5x / 6.55/2.2@16x	17.3 / 491	13.5 / 343	3.9 / 100	16.8 / 2.6	.25 / 7	80 / 2	5 / 127
652165M	Side	2.5–16x 50	30mm	Fine Multi-X	42/14@2.5x / 7/2.3@16x	21 / 599	13.5 / 343	3.9 / 100	20 / 3.1	.25 / 7	80 / 2	5 / 127
652165MD	Side	2.5–16x 50	30mm	Mil-Dot	42/14@2.5x / 7/2.3@16x	21 / 599	13.5 / 343	3.9 / 100	20 / 3.1	.25 / 7	80 / 2	5 / 127
654305B	Side	4.5–30x 50	30mm	DOA 600 CF	21.6/7.2@4.5x / 3.4/1.1@30x	21 / 599	13.5 / 343	4.0 / 101	11.1 / 1.6	.25 / 7	90 / 2.3	5 / 127
654305M	Side	4.5–30x 50	30mm	Fine Multi-X	21.6/7.2@4.5x / 3.4/1.1@30x	21 / 599	13.5 / 343	4.0 / 101	11.1 / 1.6	.25 / 7	90 / 2.3	5 / 127
654305MD	Side	4.5–30x 50	30mm	Mil-Dot	21.6/7.2@4.5x / 3.4/1.1@30x	21 / 599	13.5 / 343	4.0 / 101	11.1 / 1.6	.25 / 7	90 / 2.3	5 / 127

LET YOUR WATCH TELL YOU WHEN TO QUIT, NOT YOUR OPTIC.

Tested, proven, uncompromising superiority. The Elite® 4500 is more compact than ever and offers RainGuard® HD so you can strike with lethal precision in the dimmest, wettest, most unforgiving circumstances. Our unprecedented low-light performance is taken to the next level with the addition of our Ultra Wide Band Coating. Fully multi-coated optics deliver an amazing 94 percent light transmission across 300 percent more of the visual light spectrum. And, with a one-piece 100 percent waterproof, fogproof tube that is recoil tested with 1,000 rounds of .375 H&H Magnum, you can expect nothing less than unfailing reliability. The highlight of the hunt will most often be in low light. Prepare accordingly.



2.5-10x 40mm

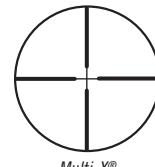
A great all-around big game hunting scope.

452104

Reticle: Multi-X® ▶ Finish: Matte

452104B

Reticle: DOA™ 600 ▶ Finish: Matte



See page 75 for more information.



2.5-10x 50mm

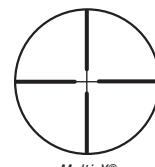
The premier low-light, big game hunting scope.

452105

Reticle: Multi-X® ▶ Finish: Matte

452105B

Reticle: DOA™ 600 ▶ Finish: Matte



See page 75 for more information.

FEATURES

RainGuard® HD ▶ Ultra Wide Band Coating ▶ Fully multi-coated optics
 Magnum recoil-proof construction ▶ One-piece tube ▶ 100% waterproof, fogproof and shockproof ▶ Argon purged ▶ $\frac{1}{4}$ MOA or finer fingertip, audible and resettable windage and elevation adjustment



ELITE

4500

PRECISION RIFLESCOPE

The Elite riflescope line now has three levels of industry-leading features and performance. For a 4x magnification range, amazing low-light performance and incredible image definition, choose the Elite 4500 series.



4-16x 40mm

Versatility for long-range hunting, varmints or target shooting.

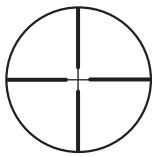
454164

Reticle: Multi-X® ▶ Finish: Matte

Special Features: Side parallax focus from 20 yards to infinity

454164B

Reticle: DOA™ 600 ▶ Finish: Matte



See page 75 for more information.

Multi-X®

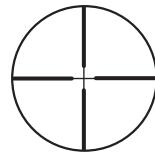
8-32x 40mm

All the magnification you need for extreme precision at extreme ranges.

458320

Reticle: Multi-X® ▶ Finish: Matte

Special Features: Semi-target turrets from 25 yards to infinity, side parallax focus and $\frac{1}{8}$ MOA adjustments, 2" sunshade



Multi-X®



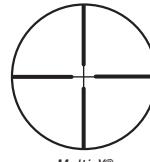
6-24x 40mm

For long-range varmint or target shooting.

456240

Reticle: Multi-X® ▶ Finish: Matte

Special Features: Sunshade, semi-target turrets, side parallax focus from 10 yards to infinity and $\frac{1}{8}$ MOA adjustments, 2" sunshade



Multi-X®



MODEL	PARALLAX ADJ.	POWER/ OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)
452104	Fixed	2.5-10x 40	1"	Multi-X	41.5/13.8@2.5x / 10.8/3.6@10x	16 / 453	13.5 / 343	3.3 / 83	15.6@2.5x / 4@10x	.25 / 7	50 / 1.4	6.0 / 152
452104B	Fixed	2.5-10x 40	1"	DOA 600 CF	41.5/13.8@2.5x / 10.8/3.6@10x	16 / 453	13.5 / 343	3.3 / 83	15.6@2.5x / 4@10x	.25 / 7	50 / 1.4	6.0 / 152
452105	Fixed	2.5-10x 50	1"	Multi-X	40.3/13.4@2.5x / 10.8/3.6@10x	18 / 510	13.5 / 343	3.3 / 83	15@2.5x / 5@10x	.25 / 7	50 / 1.4	5.9 / 149
452105B	Fixed	2.5-10x 50	1"	DOA 600 CF	40.3/13.4@2.5x / 10.8/3.6@10x	18 / 510	13.5 / 343	3.3 / 83	15@2.5x / 5@10x	.25 / 7	50 / 1.4	5.9 / 149
454164	Side	4-16x 40	1"	Multi-X	26.8/7.4@4x / 7/2.3@16x	18.6 / 526	14 / 365	3.5 / 89	10@4x / 25@16x	.25 / 7	40 / 1	6.25 / 159
454164B	Side	4-16x 40	1"	DOA 600 CF	26.8/7@4x / 7/2.3@16x	18.6 / 526	14 / 365	3.5 / 89	10@4x / 25@16x	.25 / 7	40 / 1	6.25 / 159
456240	Side	6-24x 40	1"	Multi-X	18/4.5@6x / 4.5/1.5@24x	20.2 / 572	13 / 330	3.3 / 83	6.7@6x / 1.7@24x	.125 / 3.5	26 / .7	7.9 / 200
458320	Side	8-32x 40	1"	Multi-X	14/4.7@8x / 3.75/1.3@32x	22 / 623	18 / 457	3.3 / 83	5@8x / 1.25@32x	.125 / 3.5	26 / .7	7.9 / 200

ELITE PERFORMANCE IS WITHIN YOUR REACH.

The Elite® 3500 riflescopes offer elevated performance for the real world and a tangible commitment to building the sharpest, clearest and brightest optics available today. The exclusive Ultra Wide Band coating process uses 60 layers of coatings on each lens to boost light transmission to more than 91 percent. This translates to incredible brightness during those final minutes of shooting light when game animals are most active. The patented RainGuard® HD coating offers a permanent barrier that beads water to scatter less light and give a clear view in conditions that would render untreated optics unusable. They are torture-tested to ensure reliability in the heaviest magnums, and are backed by Bushnell's Full Lifetime "No Questions Asked" Warranty. With all these advantages, the value of an Elite riflescope is undeniable.



FEATURES

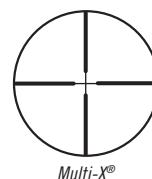
RainGuard® HD ▶ Fully multi-coated optics ▶ Magnum recoil-proof construction
One-piece aluminum tube ▶ 100% waterproof, fogproof and shockproof
Argon purged ▶ $\frac{1}{4}$ MOA audible/resettable windage and elevation adjustment
Fast-focus eyepiece



2-7x 32mm

Compact, low-profile scope for close- to medium-range hunting in brush or heavy timber.
An excellent choice for slug guns.

352732
Reticle: Multi-X® ▶ Finish: Matte

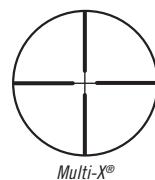


4-12x 40mm

A great choice when more magnification is needed.
Same length as 3-9x 40mm.

354124
Reticle: Multi-X®
Finish: Matte

354124B
Reticle: DOA™ 600
Finish: Matte



See page 75 for more information.

ELITE

3500

PRECISION RIFLESCOPE

The Elite riflescope line now has three levels of industry-leading features and performance. For a 3x magnification range, proven weatherproof coatings and magnum recoil-proof construction, choose the Elite 3500 series for the best value available with the Elite Series.



3-9x 40mm

The most versatile all-around, big game hunting scope configuration.

353940

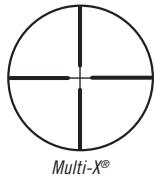
Reticle: Multi-X®
Finish: Matte

353940S

Reticle: Multi-X®
Finish: Silver

353940B

Reticle: DOA™ 600
Finish: Matte



See page 75 for more information.



3-9x 50mm

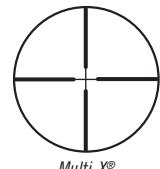
With superior light-gathering capabilities.
Now shorter in overall length.

353950

Reticle: Multi-X®
Finish: Matte

E3950B

Reticle: DOA 600
Finish: Matte



See page 75 for more information.

Multi-X®



2-6x 32mm

Special, handgun scope with extra-long 20" constant eye relief for large-caliber handguns, such as the .454 Casull, which is notorious for its violent recoil.

352632

Reticle: Multi-X®
Finish: Matte



Multi-X®

MODEL	FINISH	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)
352632	Matte	2-6x 32	1"	Multi-X	10/3@2x / 4/1.3@6x	10 / 283	9 / 299	20 / 508	16-5.3	.25 / 7	50 / 1.4	4.0 / 102
352732	Matte	2-7x 32	1"	Multi-X	44.6/15@2x / 12.7/4@7x	12 / 340	11.6 / 295	3.0 / 76	12.2-4.6	.25 / 7	50 / 1.4	6.0 / 152
353940	Matte	3-9x 40	1"	Multi-X	33.8/11@3x / 11.5/4@9x	13 / 368	12.6 / 320	3.3 / 83	13.3-4.4	.25 / 7	50 / 1.4	6.0 / 152
353940B	Matte	3-9x 40	1"	DOA 600 CF	33.8/11@3x / 11.5/4@9x	13 / 368	12.6 / 320	3.3 / 83	13.3-4.4	.25 / 7	50 / 1.4	6.0 / 152
353940S	Silver	3-9x 40	1"	Multi-X	33.8/11@3x / 11.5/4@9x	13 / 368	12.6 / 320	3.3 / 83	13.3-4.4	.25 / 7	50 / 1.4	6.0 / 152
353950	Matte	3-9x 50	1"	Multi-X	31.5/10@3x / 10.5/4@9x	19 / 538	13 / 330	3.3 / 83	16-5.6	.25 / 7	50 / 1.4	6.1 / 156
353950B	Matte	3-9x 50	1"	DOA 600 CF	31.5/10@3x / 10.5/4@9x	19 / 538	13 / 330	3.3 / 83	16-5.6	.25 / 7	50 / 1.4	6.1 / 156
354124	Matte	4-12x 40	1"	Multi-X	40/12@4x / 8.5/2.5@12x	13 / 368	12.6 / 320	3.3 / 83	10-3.3	.25 / 7	50 / 1.4	6.0 / 152
354124B	Matte	4-12x 40	1"	DOA 600 CF	40/12@4x / 8.5/2.5@12x	13 / 368	12.6 / 320	3.3 / 83	10-3.3	.25 / 7	50 / 1.4	6.0 / 152

THE RIFLESCOPE YOUR RICH UNCLE WOULD OWN IF HE WEREN'T SUCH A PRETENTIOUS FANBOY.

THE NEW TROPHY® XTREME RIFLESCOPES. Delivering the clarity of riflescopes costing hundreds more, this new lineup is built for hunters who demand performance, not pomp and puffed-up claims. Its 30mm tubes and larger objectives deliver class-leading brightness. Side parallax focus and Fast-Focus eyepiece make for simple functionality. Its more powerful 4X magnification ratio brings the clearest image in its class closer than ever. And Rainguard HD lens coating keeps your view clear when conditions aren't. With all this, and your choice of four reticles – two new long-range options, one of which is illuminated – it's everything for every reason you live to hunt.

Bushnell
NO QUESTIONS ASKED

"YES, THAT'S COVERED"

LIFETIME WARRANTY



TROPHY® XTREME



NEW
2.5-10x 44mm

Versatility for any big game hunting situation.

752104B

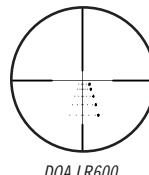
Reticle: DOA LR600 ▶ Finish: Matte ▶ 30mm tube

752104

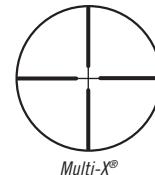
Reticle: Multi-X ▶ Finish: Matte ▶ 30mm tube



See page 75 for more information.



DOA LR600



Multi-X®

FEATURES

30mm tube ▶ Fully multi-coated optics ▶ 91% light transmission ▶ 100% waterproof, fogproof and shockproof ▶ Dry nitrogen filled ▶ Fast-focus eyepiece ▶ One-piece tube w/integrated saddle ▶ $\frac{1}{4}$ MOA fingertip windage and elevation adjustments



NEW
4–16x 44mm

For hunters needing more magnification for long range big game hunting.

754164

Reticle: Multi-X ▶ Finish: Matte
 Special Features: SPA,
 focus from 10 yards to infinity



Multi-X®

754164B

Reticle: DOA LR600 ▶ Finish: Matte
 Special Features: SPA,
 focus from 10 yards to infinity



DOA LR600

See page 75 for more information.


NEW
6–24x 50mm

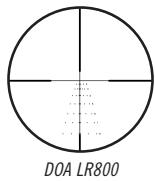
The perfect high-power scope for high performance centerfire rifles at the longest ranges.

756245B

Reticle: DOA LR800 ▶ Finish: Matte
 Special Features: SPA,
 focus from 10 yards to infinity



See page 75 for more information.



DOA LR800

See page 75 for more information.

See page 75 for more information.

NEW
2.5–15x 50mm

Outstanding versatility at close or long-range with illuminated reticle.

752515B

Reticle: Illuminated DOA LR600-i ▶ Finish: Matte
 Special Features: Side parallax focus,
 focus from 10 yards to infinity



See page 75 for more information.

Illuminated
DOA LR600-i

MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)
NEW 752104	Fixed	2.5–10x 44	30mm	Multi-X	45/140@2.5x / 11/3@10x	19.3 / 547	13.4 / 340	3.6 / 92	13.3 / 4.4	0.25 / 7	50 / 1.3	5.5 / 140
NEW 752104B	Fixed	2.5–10x 44	30mm	LR600	45/140@2.5x / 11/3@10x	19.3 / 547	13.6 / 345	3.6 / 92	13.3 / 4.4	0.25 / 7	50 / 1.3	5.5 / 140
NEW 754164	SP	4–16x 44	30mm	Multi-X	28/9@4x / 7/2@16x	20.1 / 569	14 / 357	3.6 / 92	11 / 2.8	0.25 / 7	50 / 1.3	6.3 / 160
NEW 754164B	SP	4–16x 44	30mm	LR600	28/9@4x / 7/2@16x	20.1 / 569	14 / 357	3.6 / 92	11 / 2.8	0.25 / 7	50 / 1.3	6.3 / 160
NEW 756245B	SP	6–24x 50	30mm	LR800	18/5@6x / 4/1@24x	23.7 / 671	14.3 / 364	3.6 / 92	8.3 / 4.6	0.125 / 3	50 / 1.3	6.5 / 164
NEW 752515B	SP	2.5–15x 50	30mm	LR600-i	42/2.5@3x / 7/2@15x	22.9 / 649	13.9 / 353	3.9 / 100	11 / 3.3	0.25 / 7	50 / 1.3	5.6 / 143

FOR STUNNING VIEWS, LIKE A STEAMING CHEST CAVITY ON A NOVEMBER MORNING.

THE NEW TROPHY® RIFLESCOPES. It's a new breed that delivers an unbeatable combination of edge-to-edge clarity, best-in-class light transmission and affordability. With seven configurations and six reticle options, there's a Trophy to fit every hunting application. The shorter 1-piece tube stays out of your way while fully multi-coated optics provide a brighter, clearer image in any weather, thanks to Rainguard HD lens coating. And its Fast-Focus eyepiece and side parallax adjustment make dialing in your next trophy as easy as deciding which end of a backstrap to eat first.



TROPHY®

NEW 3-9x 40mm

The most versatile, all-around big game hunting scope.

753944S

Reticle: Multi-X® ▶ Finish: Silver

753960SG

Reticle: DOA™ 200 Shotgun ▶ Finish: Matte

753945

Reticle: Mil-Dot™ ▶ Finish: Matte

753960BP

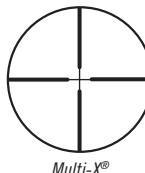
Reticle: DOA™ 250 Muzzle Loader ▶ Finish: Matte

753960

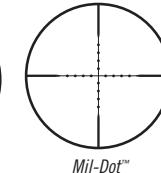
Reticle: Multi-X ▶ Finish: Matte

753960B

Reticle: DOA™ 600 Centerfire ▶ Finish: Matte



Multi-X®



Mil-Dot™



DOA™ 200



DOA™ 250



DOA™ 600

See page 75 for more information.

See page 75 for more information.

See page 75 for more information.

FEATURES

Fully multi-coated optics ▶ 91% light transmission ▶ 100% waterproof, fogproof and shockproof ▶ Dry nitrogen filled ▶ Fast-focus eyepiece ▶ One-piece tube w/ integrated saddle ▶ $\frac{1}{4}$ MOA fingertip windage and elevation adjustments

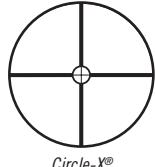


NEW 1.75-4x 32mm

A versatile, all-around big game hunting scope great for slug guns and lever guns

751432

Reticle: Circle-X® ▶ Finish: Matte



Circle-X®

751432AP

Reticle: Circle-X® ▶ Realtree AP Camo

NEW 4-12x 40mm

High-power, variable scope for high-performance centerfire rifles.

754120

Reticle: Multi-X ▶ Finish: Matte ▶

Special Features: SPA, focus from 10 yards to infinity

754120B

Reticle: DOA 600 ▶ Finish: Matte ▶

Special Features: SPA, focus from 10 yards to infinity



See page 75 for more information.





NEW 6-18x 50mm

Long-range power scope for high-performance centerfire varmint or big game rifles.

756185

Reticle: Multi-X ▶ Finish: Matte
Special Features: SPA, focus from 10 yards to infinity



NEW 3-9x 50mm

Versatile big game hunting scope with extra light-gathering capabilities.

New shorter length.

753950

Reticle: Multi-X ▶ Finish: Matte



NEW 2-7x 36mm

Mid-range power for scout rifles, lever guns and slug guns.

752736S Scout

Reticle: Multi-X ▶ Finish: Matte ▶
Special Features: 8" of eye relief

752736

Reticle: Multi-X ▶ Finish: Matte ▶
Special Features: 3.9" of eye relief



NEW 2-6x 32mm

Handgun scope with 20" of eye relief.

752633

Reticle: Multi-X ▶ Finish: Matte

752633S

Reticle: Multi-X ▶ Finish: Silver

MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)	
NEW	751432AP	Fixed	1.75-4x 32	1"	Circle-X	64/20@1.75x / 29/9@4x	12.7 / 360	10.6 / 270	3.5 / 89	13 / 8	0.25 / 7	150 / 4.2	5.3 / 135
NEW	751432	Fixed	1.75-4x 32	1"	Circle-X	64/20@1.75x / 29/9@4x	12.7 / 360	10.6 / 270	3.5 / 89	13 / 8	0.25 / 7	150 / 4.2	5.3 / 135
NEW	752633	Fixed	2-6x 32	1"	Multi-X	12/4@2x / 5/2@6x	11 / 310	9.6 / 243	20 / 508	16 / 5.3	0.25 / 7	60 / 1.7	4.3 / 108
NEW	752633S	Fixed	2-6x 32	1"	Multi-X	12/4@2x / 5/2@6x	11 / 310	9.6 / 243	20 / 508	16 / 5.3	0.25 / 7	60 / 1.7	4.3 / 108
NEW	752736	Fixed	2-7x 36	1"	Multi-X	34/10@2x / 10/3@6x	13.4 / 380	11.4 / 290	3.9 / 100	18 / 5.1	0.25 / 7	50 / 1.4	5.4 / 137
NEW	752736S	Fixed	2-7x 36	1"	Multi-X	34/10@2x / 10/3@6x	13.4 / 380	11.4 / 290	7.9 / 200	18 / 5.1	0.25 / 7	50 / 1.4	5.4 / 137
NEW	753960XC	Fixed	3-9x 40	1"	DOA 600	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753960BX	Fixed	3-9x 40	1"	Multi-X	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753960BC	Fixed	3-9x 40	1"	DOA 600	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753960BP	Fixed	3-9x 40	1"	DOA 250 MZ	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753960B	Fixed	3-9x 40	1"	DOA 600 CF	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753960	Fixed	3-9x 40	1"	Multi-X	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753960SG	Fixed	3-9x 40	1"	DOA 200 Shotgun	38/12@3x / 13/4@9x	14.3 / 405	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753944S	Fixed	3-9x 40	1"	Multi-X	38/12@3x / 13/4@9x	14.1 / 400	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753945	Fixed	3-9x 40	1"	Mil-Dot	38/12@3x / 13/4@9x	14.1 / 400	12 / 305	4 / 102	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 139
NEW	753950	Fixed	3-9x 50	1"	Multi-X	38/12@3x / 13/4@9x	19.2 / 545	13 / 330	4 / 102	16.7 / 5.6	0.25 / 7	50 / 1.4	5.5 / 139
NEW	754120B	Side	4-12x 40	1"	DOA 600 CF	29/8@4x / 10/3@12x	16.4 / 465	12.8 / 326	3.5 / 89	10.0 / 3.3	0.25 / 7	60 / 1.7	5.4 / 137
NEW	754120	Side	4-12x 40	1"	Multi-X	29/8@4x / 10/3@12x	16.4 / 465	12.8 / 326	3.5 / 89	10.0 / 3.3	0.25 / 7	60 / 1.7	5.4 / 137
NEW	756185	Side	6-18x 50	1"	Multi-X	20/6@6x / 7/2@18x	18.3 / 520	15.5 / 393	3.5 / 89	8.3 / 2.8	0.25 / 7	40 / 1.0	6.4 / 161



DELIVERING BREATHTAKING VIEWS FROM DAWN 'TIL DUSK.

The Banner® riflescope family featuring Dusk & Dawn Optics is designed to give you the advantage on those early morning and late evening hunts when available light is low but game activity is at its highest. Banner optics are coated with Bushnell's proprietary Dusk & Dawn Brightness (DDB) multi-coating process giving you the brightness and clarity you need to fill your tag in those critical first and last minutes of daylight. Banner scopes are offered in 10 waterproof, fogproof and shockproof configurations. Whether you are pursuing whitetails, elk or varmints, there is a Banner riflescope designed to meet your needs.



3-9x 40mm

*Great configurations for rifles, shotguns or muzzleloaders.
All-around big game scope.*

613944

Reticle: Circle-X® ▶ Finish: Matte
Special Features: 4" of extended eye relief

613944AP

Reticle: Circle-X
Finish: Realtree® AP™



613947

Reticle: MZ 200 ▶ Finish: Matte
Special Features: 6" eye relief

613947B

Reticle: MZ 200 ▶ Finish: Matte
Special Features: Calibrated for muzzleloaders

613948

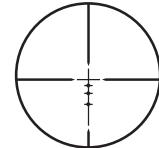
Reticle: Multi-X ▶ Finish: Matte



Circle-X®



Multi-X®



MZ 200

FEATURES

Dusk & Dawn Brightness (DDB) Coatings ▶ Multi-coated optics ▶ One-piece tube ▶ 100% waterproof, fogproof and shockproof ▶ Dry nitrogen filled ▶ $\frac{1}{4}$ MOA fingertip windage and elevation adjustments ▶ Fast-focus eyepiece



1.75-4x 32mm

Bright and compact with versatile magnification range.

611436

Reticle: Circle-X® ▶ Finish: Matte
Special Features: 6" eye relief



Circle-X®

BANNER®



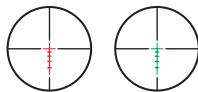
3–9x 40mm Illuminated

All-around configuration with the long-range accuracy of our new ballistic reticle for centerfire rifles.

613946B

Reticle: Illum CF 500 ▶ Finish: Matte

Special Features: Red or green illuminated reticle



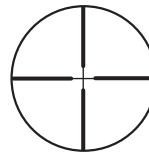
4–12x 40mm

A high-power, variable scope calibrated for long-range shooting with the deadly 17 WSM round. Hold over points out to 350 yards.

614124

Reticle: Multi-X ▶ Finish: Matte

Special Features: Adjustable objective, ideal for long-range shooting



Multi-X®

4–16x 40mm Illuminated

Powerful magnification range with crosshairs that light up red or green. Ballistic reticle ideal for varmints and long-range, big game hunting.

614164B

Reticle: Illum CF 500 ▶ Finish: Matte

Special Features: Red or green illuminated reticle



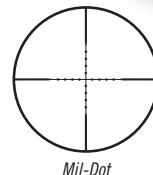
6–24x 40mm

For long-range varmint, silhouette and target shooting.

616244

Reticle: Mil-Dot ▶ Finish: Matte

Special Features: Adjustable objective



Mil-Dot

MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)
610432	Fixed	4x 32	1"	Circle-X	31.5/10.5@4x	11.1 / 315	11.3 / 287	3.3 / 83	8@4x	.25 / 7	50 / 1.4	5.4 / 137
611432	Fixed	1–4x 32	1"	Circle-X	78.5/26.1@1x / 24.9/8.3@4x	12.2 / 345	10.5 / 267	4.3 / 108	16.9@1x / 8@4x	.25 / 7	50 / 1.4	5.3 / 133
611436	Fixed	1.75–4x 32	1"	Circle-X	35/11.7@1.75x / 16/5.3@4x	12.1 / 343	10.8 / 274	6.0 / 153	18.3@1.75x – 6.4@4x	.25 / 7	100 / 2.8	5.8 / 146
611546	Fixed	1.5–4.5x 32	1"	Multi-X	67/22.3@1.5x / 23/7.7@4.5x	10.5 / 267	10.5 / 298	4.0 / 102	17@1.5x / 7@4.5x	.25 / 7	60 / 1.7	5.3 / 133
613944	Fixed	3–9x 40	1"	Circle-X	36/12@3x / 13/4.3@9x	12.5 / 354	11.5 / 292	4.0 / 102	13@3x / 4.4@9x	.25 / 7	60 / 1.7	5.6 / 143
613944AP	Fixed	3–9x 40	1"	Circle-X	36/112@3x / 12/4.3@9x	12.5 / 354	11.5 / 292	4.0 / 102	13@3x / 4.4@9x	.25 / 7	60 / 1.7	5.6 / 143
613946B	Fixed	3–9x 40	1"	CF 500	40/13.3@3x / 14/4.7@9x	13 / 369	12 / 305	4.0 / 102	13@3x / 4.4@9x	.25 / 7	60 / 1.7	5.8 / 147
613947	Fixed	3–9x 40	1"	Multi-X	32/10.7@3x / 11/3.7@9x	13 / 369	12 / 305	6.0 / 153	13@3x / 4.4@9x	.25 / 7	60 / 1.7	5.8 / 147
613947B	Fixed	3–9x 40	1"	MZ 200	32/10.7@3x / 11/3.7@9x	13 / 369	12 / 305	6.0 / 153	13@3x / 4.4@9x	.25 / 7	60 / 1.7	5.8 / 147
613948	Fixed	3–9x 40	1"	Multi-X	40/13.6@3x / 14/4.7@9x	13 / 369	12 / 305	3.3 / 83	13.3@3x / 4.4@9x	.25 / 7	60 / 1.7	5.8 / 147
613950	Fixed	3–9x 50	1"	Multi-X	36/12@3x / 12/4@9x	19 / 539	16 / 406	3.8 / 95	16@3x / 5.6@9x	.25 / 7	50 / 1.4	6.5 / 165
614124	A.O.	4–12x 40	1"	Multi-X	29/9.7@4x / 11/3.7@12x	15 / 425	12 / 305	3.3 / 83	10@4x / 3.3@12x	.25 / 7	60 / 1.7	5.5 / 140
614164B	A.O.	4–16x 40	1"	CF 500	22/7@4x / 6/2@16x	16 / 442	14 / 349	3.3 / 83	10@4x / 2.5@16x	.25 / 7	70 / 2	5.8 / 147
616185	A.O.	6–18x 50	1"	Multi-X	17/5.7@6x / 6/2.0@18x	18 / 510	16 / 406	3.5 / 89	8.3@6x / 2.8@18x	.25 / 7	40 / 1.1	6.5 / 165
616244	A.O.	6–24x 40	1"	Mil-Dot	17/5.7@6x / 5/1.7@24x	19.6 / 556	16.1 / 409	3.4 / 86	6.7@6x / 1.7@24x	.25 / 7	36 / 1.0	7.25 / 184

PURPOSE-BUILT FOR RIMFIRE RIFLES.

Rimfire shooters have unique demands. Those needs shouldn't come at a sacrifice. Our Rimfire Optics series delivers peak performance specifically for rimfire rifles. This family features rimfire-specific scopes with adjustable objectives or side parallax adjustment for precision shot placement on small distant targets. The line offers caliber-specific models calibrated for the 17 WSM, 17HMR, and the time tested 22 LR. Bullet drop compensating turret systems and reticles make Rimfire Optic scopes the perfect choice for long-distance varmints, targets or tin cans. VRF (Variable Rimfire) scopes feature side parallax focus, fast-focus eyepieces and exposed ballistic turrets all in a short, compact package.



3–9x 40mm

The most versatile power range for general purpose rimfire shooting.

633941

Reticle: Multi-X ▶ Finish: Matte
Special Features: Side parallax focus, $\frac{1}{4}$ MOA, .22 LR and 17 HMR turrets provided.



Multi-X®

6–18x 40mm

Reach out and touch targets with the most powerful member of the VRF family.

633184

Reticle: Multi-X ▶ Finish: Matte
Special Features: Side parallax focus, $\frac{1}{4}$ MOA, .22 LR and 17 HMR turrets provided.



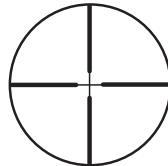
Multi-X®

3–12x 40mm

Mid-power choice for longer range applications.

633124

Reticle: Multi-X ▶ Finish: Matte
Special Features: Side parallax focus



Multi-X®

MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @100yds. / m @100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @100yds. / mm @100m)	ADJ. RANGE (in. @100yds. / m @100m)	MOUNTING LENGTH (in. / mm)
613510A	A.O.	3.5–10x 36	1"	Multi-X	30/10.0@3.5x / 10.4/3.6@10x	15 / 425	12.5 / 318	3.4 / 86	10.3@3.5x / 3.6@10x	.25 / 7	85 / 2.4	5.5 / 140
NEW 613510B	Side	3.5–10x 36	1"	DropZone 22	30/10.0@3.5x / 10.4/3.6@10x	15 / 425	12.5 / 318	3.4 / 86	10.3@3.5x / 3.6@10x	.25 / 7	85 / 2.4	5.5 / 140
614124B	A.O.	4–12x 40	1"	BMag 350	29/9.7@4x / 11/3.7@12x	15 / 425	12 / 305	3.3 / 83	10@4x / 3.3@12x	.25 / 7	60 / 1.7	5.5 / 140
633941	Side	3–9x 40	1"	Multi-X	31/10.5@3x / 9.4/3.2@9x	20.4 / 580	12.2 / 310	3.9 / 100	13@3x / 4.4@9x	.25 / 7	1.25 / 7	4.8 / 124
633124	Side	3–12x 40	1"	Multi-X	33/8.6@3x / 10/2.7@12x	20 / 570	12 / 305	3.9 / 100	13@3x / 7@12x	.25 / 7	1.25 / 7	4.6 / 118
633184	Side	6–18x 40	1"	Multi-X	18/6.0@6x / 5.5/1.8@18x	20.3 / 577	12.4 / 315	3.9 / 100	6.6@6x / 2.2@18x	.25 / 7	1.25 / 7	5.0 / 127

RIMFIRE

OPTICS



4–12x 40mm

A high-power, variable scope calibrated for long-range shooting with the deadly 17 WSM round. Hold over points out to 350 yards.



614124B

Reticle: BMag 350
Finish: Matte



NEW

3.5–10x 36mm

Mid-power scope designed to meet the specific performance requirements of .17 HMR and .22 LR rifles.

613510A

Reticle: Multi-X ▶ Finish: Matte

Special Features: Adjustable objective and replaceable (Bullet-Drop Compensator) turrets for 17HMR

613510B

Reticle: DropZone 22 ▶ Finish: Matte

Special Features: Adjustable objective and replaceable (Bullet-Drop Compensator) turrets for 22 LR



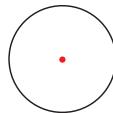
FOR SPEED AND ASSURANCE, NOTHING ELSE COMES CLOSE.

Blazing target acquisition. Peak accuracy. And bright enough to hunt even the thickest woods. You'll only find this level of performance in our Trophy Red Dot Sights. Each comes in a strong, precision-engineered housing that's tough enough to go anywhere. These sights offer unlimited eye relief for fast shots at imperfect angles and multiple brightness settings for maximum battery life and superior performance in a variety of lighting conditions.



TRS-25

A reliable, 25mm 3 MOA red dot sight with integral mount and unlimited eye relief for handguns and shotguns.



3 MOA
Red Dot

731303

Reticle: 3 MOA Red Dot ▶ Finish: Matte
Special Features: CR 2032 Battery



First Strike

For handguns, shotguns or rifles, this compact model is fully waterproof and shockproof, with self-regulating brightness and integral mount.

730005

Reticle: 5 MOA Red Dot ▶ Finish: Matte
Special Features: CR 2032 Battery

MODEL	FINISH	POWER/ OBJ. LENS (mm)	RETICLE	FIELD OF VIEW (ft. @ 100yds. / m @ 100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @ 100yds. / mm @ 100m)	ADJ. RANGE (in. @ 100yds. / m @ 100m)	MOUNTING LENGTH (in. / mm)
730131APG	Realtree AP	1x 28	6 MOA Dot	68 / 22.6	6 / 170	5.5 / 140	Unlimited	28	.5 / 14	50 / 1.4	4.1 / 104
731303	Matte	1x 25	3 MOA Red Dot	Unlimited	3.7 / 106	2.4 / 61.8	Unlimited	22	1 / 14	70 / 1.9	1.1 / 28
730005	Matte	NA	3 MOA Red Dot	Unlimited	2.1 / 61	2.0 / 52	Unlimited	NA	.5 / 14	90 / 2.3	2 / 50



Laser Boresighter

Its bright, battery-powered laser makes rapid, ultra-precise work of boresighting. Created to meet the demands of serious shooters, it includes arbors for .22 through .50 caliber firearms. 3 LR 44 batteries included.

740100C



Magnetic Boresighter

Works on all calibers and firearms. Revolutionary design eliminates the need for arbors. Magnetically attaches to the muzzle to facilitate a quick sight-in. Etched glass reticle.

740001C



Professional Boresighter with Case

A compact kit with three expandable arbors that cover all calibers from .22 to .45. Includes a fixed .17 caliber arbor.

743333



.50 Caliber to 12-Gauge Expandable Arbor

Just the accessory for the shotgunner or muzzleloader shooter. Fits professional and deluxe boresighters.

740012



15 Arbor Deluxe Kit

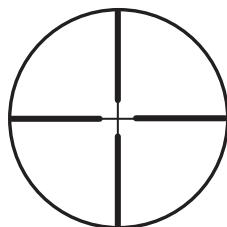
Gunsmith quality with 15 arbors for total versatility.

744001

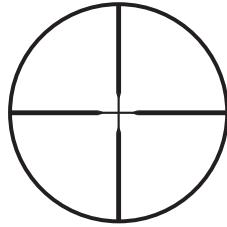
Arbors include:
.177, .22, 6mm, .25,
6.5mm, .27, 7mm,
.30, .32, .338, .35,
.375, .44, .45 and .50.



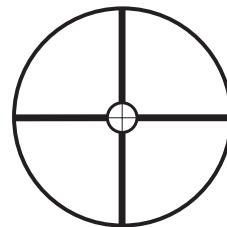
TYPES OF RETICLES. A reticle is the crosshair or pattern placed in the eyepiece of the scope, which establishes the gun's position on the target.



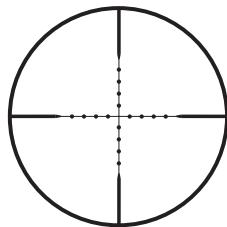
Multi-X®



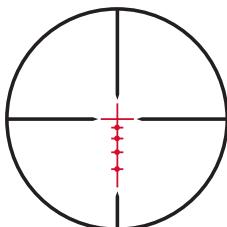
Fine Multi-X®



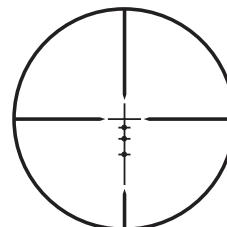
Circle-X®



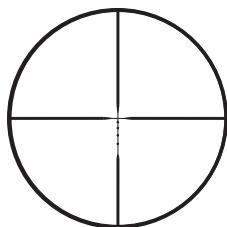
Mil-Dot™



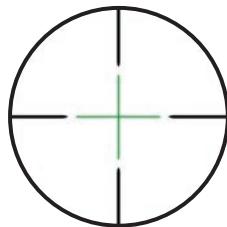
CF 500 Illuminated



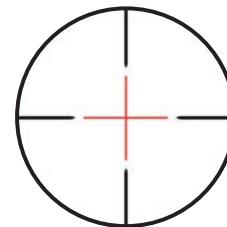
MZ 200



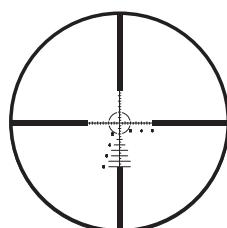
BMag 350



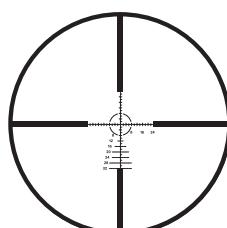
Illuminated Green



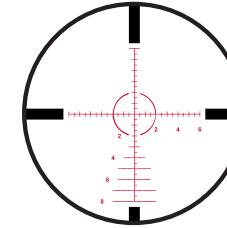
Illuminated Red



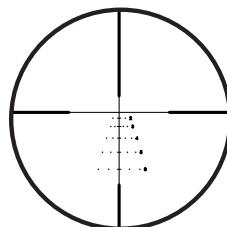
G2H



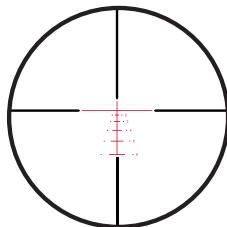
G2M



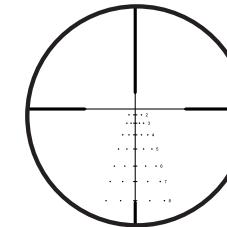
G2H-i



DOA LR600



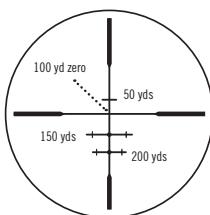
DOA LR600-i



DOA LR800

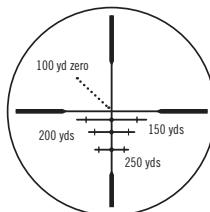


No holdover guesswork. No ground shrinkage. No excuses. Size him up and put him down with DOA. For centerfire rifles, muzzleloaders, rifled shotguns and crossbows. Dramatically extend your effective range, and judge a buck's trophy quality in record time with Dead On Accurate™(DOA) reticle technology featuring the Rack Bracket. Its extended-yardage aiming points enable you to shoot with lethal precision out to 600 yards with a centerfire rifle (DOA 600) and 250 yards with a muzzleloader (DOA 250). The DOA 200 for rifled slug gun shotguns provide aiming points from 50 to 200 yds. The DOA Crossbow allows deadly confidence from 20 to 60 yards with today's high performance. The Rack Bracket reference lines help you accurately gauge the size of whitetail and mule deer antlers at distances that make it difficult with standard optics. It all adds up to drop-dead certainty, and fewer excuses, at the moment of truth.



SLUG GUNS.

Aiming points from 50 to 200 yards in 50-yard increments based on the ballistics of today's high-performance slug loads.



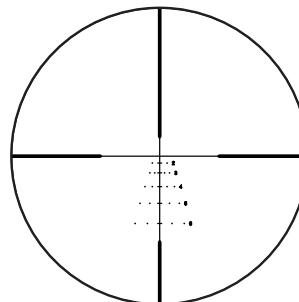
MUZZLELOADERS.

Aiming points from 100 to 250 yards in 50-yard increments with the most common magnum loadings for in-lines.



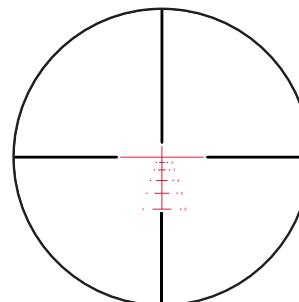
CENTERFIRE RIFLES. Aiming points from 100 to 600 yards in 100-yard increments, compatible with today's most popular deer hunting bullet/load combinations.

NEW



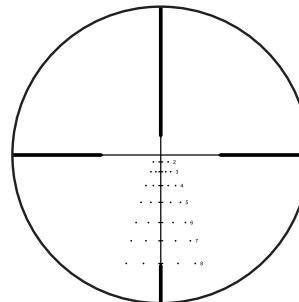
CENTERFIRE RIFLES. Aiming points from 100 to 600 yards with 5 and 10mph wind hold points.

NEW



CENTERFIRE RIFLES. Illuminated aiming points from 100 to 600 yards with 5 and 10mph wind hold points.

NEW



CENTERFIRE RIFLES. Illuminated aiming points from 100 to 800 yards with 5 and 10mph wind hold points.

RIFLESCOPES. A riflescope indicates a bullet's point of impact and makes distant targets and surrounding objects appear closer. A riflescope is recommended for safer, more accurate shooting in the field and on the range.



Coated Optics

Coatings on lens surfaces reduce light loss and glare due to reflection for a brighter, higher-contrast image with reduced eye strain. Bushnell® riflescopes are coated with a microscopic film of magnesium fluoride. More coatings lead to better light transmission.

Types of Lens Coatings

Coated: A single layer on at least one lens surface.

Fully Coated: A single layer on all air-to-glass surfaces.

Multi-Coated: Multiple layers on all lens surfaces.

Fully Multi-Coated: Multiple layers on all air-to-glass surfaces.

Exit Pupil

The size of the column of light that leaves the eyepiece of a scope. The larger the exit pupil, the brighter the image. To determine the size, divide the objective lens diameter by the power (a 4x 32 model has an exit pupil of 8mm).

Eye Relief

The distance a scope can be held away from the eye and still present the full field of view. Bushnell riflescopes provide an extra margin of comfort and recoil safety with extended eye relief and soft neoprene eyepiece guards.

Field of View (F.O.V.)

The side-to-side measurement of the circular viewing field or subject area. It is defined by the width in feet or meters of the area visible at 100 yards or meters. A wide field of view makes it easier to spot game and track moving targets. Generally, the higher the magnification, the narrower the field of view.

Image Quality

For optimum image quality, it is important that the optical system of a riflescope delivers as much light as possible to the eye of the shooter. The lighter or brighter the image, the sharper the resolution and the clearer the shot. The quality of the glass, lens design and optical coatings all contribute to a riflescope's ability to manage light effectively. When selecting your scope, consider magnification, objective lens size, exit pupil, resolution, field of view and eye relief.



Magnification

Choose a riflescope with the magnification or power that is appropriate for your particular application.

Low Power: (examples: 1.5–6x 32, 2–7x 32) These riflescopes are ideal at close range and for shooting moving targets. They provide the most effective light management and produce a brighter sight picture and wider field of view – even in low-light conditions and thick brush.

Medium Power: (examples: 3–9x 40, 2.5–10x 50) Select these riflescopes for hunting big game at medium range.

High Power: (examples: 6–18x 40, 6–24x 40) These riflescopes are best for target shooting when the target is motionless, and for varmints and other small game.

Objective Lens Size

The second number in the formula (4x 32) is the diameter of the objective or front lens in millimeters.

The larger the objective lens, the more light that enters the scope, and the brighter the image.

Ocular Lens

The lens closest to your eye.

Parallax

A condition that occurs when the image is not focused precisely on the reticle plane. Parallax is visible as an apparent movement between the reticle and the target when the shooter moves his head, or in extreme cases, as an out-of-focus image.

Precision Adjustments

The windage and elevation adjustments affect accuracy. Windage is the horizontal (left-to-right) adjustment, usually the side turret of the scope. Elevation is the vertical (up-and-down) adjustment, usually the top turret of the scope. Bushnell scopes feature 1/4 MOA (1/4" at 100 yards) or finer windage and elevation adjustments with audible clicks for greater precision.

RainGuard® HD

This permanent, patented, hydrophobic and oleophobic lens coating prevents fogging by causing condensation from rain, sleet, snow or even your own breath to bead up into much smaller droplets than on standard coatings. Smaller droplets scatter less light, which results in a clearer, brighter view. Now the hunter won't miss the shot of a lifetime because of rain or accidentally breathing on his eyepiece.



Resolution

Resolution, or definition, is the ability of a scope to distinguish fine detail and retain clarity.

Rugged Body Construction

Bushnell riflescopes use a high-durability aluminum alloy. They are also anodize-finished and are sealed to protect the inside from the elements. Each riflescope is rustproof, virtually scratchproof and a beautiful complement to the most expensive firearm.

Sealed, Waterproof and Fogproof

Bushnell riflescopes remain crystal clear in all types of weather. All 1" and 30mm diameter riflescopes are not only nitrogen purged to remove any vestige of internal moisture, but they are also O-ring sealed to prevent the entry of dust or moisture.





BINOCULAR	82
TRAIL CAMERA	82
LASER RANGEFINDER	82
RIFLESCOPES	83

EVERY SHOT IS ONCE IN A LIFETIME.
HONOR IT.

Bone Collector® TV show host Michael Waddell knows that nothing can ruin a good hunt like bad equipment. And that's why he and the Bone Collectors hunt with Bushnell® products. For more than six decades, Bushnell has provided hunters of all skill levels, and outdoor enthusiasts in general, with top-quality gear to help ensure every outing is as successful as possible. With a slew of patented industry-leading features, it's obvious that in the moment of truth, no one delivers like Bushnell.





BACKED BY GUT PILES OF R&D.

The secret to the success of the Bone Collector® line of products really isn't a secret at all. In a nutshell, it's excellence in research and development, quality craftsmanship, lethal precision and sleek styling that is second to none. Riflescopes with the exclusive DOA reticle offer supreme long-range accuracy and field judging. Lasers bring lightning-fast ranging, with +/- 1-yard accuracy. And they are tough. We don't hesitate to say our optics are 100 percent waterproof, fogproof and shockproof. And you won't find a better Trail Camera, loaded with features like No Glow Black LEDs, Hyper PIR, and clear night vision. With the Bone Collector logo stylishly detailed onto all these items adding another level of class to these sleek Bushnell products, it's definitely no surprise all the Bone Collector products are the choice of the Bone Collector TV hunters, as well as hunters just like you.



Bushnell
NO QUESTIONS ASKED
"YES, THAT'S COVERED"

LIFETIME
WARRANTY



10x 42mm

334210

Ideal magnification for viewing wildlife
at long ranges with a wide field of view.

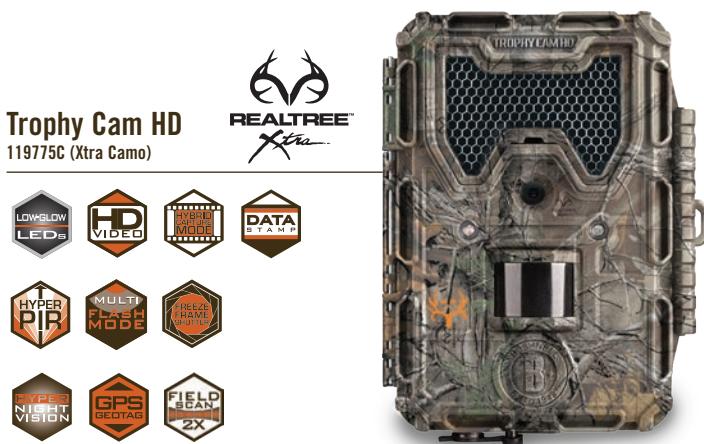
See page 15 for specs.

100%
WATER
PROOF

100%
WATER
PROOF

FEATURES

100% waterproof/fogproof ▶ Fully multi-coated optics
Dura-grip rubber ▶ Fast focus ▶ Soft-touch thumbgrips ▶ Lead-free glass



Trophy Cam HD
119775C (Xtra Camo)



Bone Collector LRF

202208 (Xtra Camo)
202208C (Xtra Camo)

Range: 10–600 yards
Power/Obj: 4x 21mm



FEATURES

± One Yard Accuracy ▶ Simple One-Button Operation ▶ Lightning FAST!
Rainproof ▶ 9-Volt Battery and Case Included



NEW 3-9x 40mm

A versatile, all-around big game hunting scope.

753960XC

Reticle: DOA™ 600 ▶ Finish: Matte

753960BC

Reticle: Multi-X® ▶ Finish: Matte

753960BX

Reticle: Multi-X ▶ Finish: Matte



See page 77 for more information.

FEATURES

Fully multi-coated optics ▶ 91% light transmission ▶ 100% waterproof, fogproof and shockproof ▶ Dry nitrogen filled ▶ Fast-focus eyepiece ▶ One-piece tube w/ integrated saddle ▶ 1/4 MOA fingertip windage and elevation adjustments

MODEL	PARALLAX ADJ.	POWER/OBJ. LENS (mm)	TUBE DIAMETER	RETICLE	FIELD OF VIEW (ft. @ 100yds. / m @ 100m)	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF (in. / mm)	EXIT PUPIL (mm)	CLICK VALUE (in. @ 100yds. / mm @ 100m)	ADJ. RANGE (in. @ 100yds. / m @ 100m)	MOUNTING LENGTH (in. / mm)	
NEW	753960BX	Fixed	3-9x 40	1"	Multi-X	33/10@3x / 11/3@9x	14.3 / 405	13 / 330	5 / 127	13.3 / 4.4	0.25 / 7	60 / 1.7	5.9 / 150
NEW	753960BC	Fixed	3-9x 40	1"	Multi-X	33/10@3x / 11/3@9x	14.3 / 405	13 / 330	5 / 127	13.3 / 4.4	0.25 / 7	60 / 1.7	5.9 / 150
NEW	753960XC	Fixed	3-9x 40	1"	DOA 600	39/12@3x / 13/4@9x	14.3 / 405	11.9 / 302	4 / 101	13.3 / 4.4	0.25 / 7	60 / 1.7	5.5 / 140

HOW TECHNOLOGY BECOMES ACCURACY.

Precision connects with innovation. We pioneered laser rangefinders by harnessing the leading technology of the time and unleashing it on the shooting world. Twenty years later, we're doing it again with the new Elite® 1 Mile CONX. We've combined +/- 1-yard precision out to 1 mile with Bluetooth® capability to create custom bullet trajectories. It is also the first laser rangefinder to connect with a Kestrel® device to provide wind hold values. Add in true horizontal distance out to 1,000 yards, 7x magnification and a 2nd Generation E.S.P. processor and the CONX surpasses even the highest standards of the Elite Tactical line. In competition or on the battlefield, the CONX is poetry for long-distance shooters. Though your competition might call it something else.



CONX Technology

- Wirelessly communicates with iOS and Android platforms.
- Allows configuration of your laser rangefinder via a smartphone.
- Ability to load up to three custom ballistic curves into your laser via a smartphone.
- Provides range, angle, and hold over values in inches, MOA, or MILs on a smartphone.
- With the use of approved Kestrel® windmeters, advanced environmental and wind data is incorporated into holdover values for superior ballistic values.

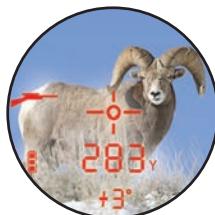


See page 90 for more information.

Kestrel Technology

- Employs the enhanced Applied Ballistics G1/G7 solver, including Aerodynamic Jump, Spin Drift and Coriolis corrections to achieve accurate long-range shots.
- Choice of solution units (Mils, MOA, or clicks)- works with any gun or targeting scope.
- Muzzle Velocity Truing allows for accurate measurement of bullet speed without a chronograph.
- Large, hi-res, hi-contrast, graphic display is perfectly readable in the brightest sunlight. Includes both bright white and night-vision-preserving red backlight.
- Large, hi-res, hi-contrast, graphic display is perfectly readable in the brightest sunlight. Includes both bright white and night-vision-preserving red backlight.
- Rugged (drop tested to MIL-STD-810G standards), waterproof (sealed to IP67 standards) and floats.
- Protective pouch, neck lanyard and Lithium AA battery included.

ELITE 1MILE ARC CONX



NEW Elite 1 Mile ARC CONX

202540

202540KC

(Combo Pack includes a Kestrel Sportsman)

Range: 5–1760 yards
Power/Obj: 7x 26mm





ELITE 1 MILE ARC



Elite® 1 Mile ARC
202421

Range: 5–1,760 yards
Power/Obj: 7x 26mm



FEATURES

7x magnification ▶ VDT (Vivid Display Technology) ▶ 2nd Generation E.S.P. (Extreme Speed Precision) provides up to $\frac{1}{2}$ yard accuracy and $\frac{1}{10}$ -yard display precision ▶ VSI (Variable Sight-in) ▶ ARC Rifle Mode – provides bullet-drop/holdover in CM, IN, MOA & MIL. ▶ BullsEye™, Brush™ and Scan mode ▶ Range: 5–1,760 yards ▶ Diopter adjustment ▶ Compatible with magnetic attachment system ▶ RainGuard® HD ▶ Fully waterproof ▶ Built-in tripod mount ▶ Posi-Thread™ battery door

MODEL	RANGE (yds.)	MAGNIFI- CATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	TARGETING MODES			ARC MODES		RANGING PERFORMANCE				CONX	
						SCAN	BULLSEYE	BRUSH	2ND GEN. E.S.P.	RIFLE HD	RIFLE	RFLCTV. (yds.)	TREE (yds.)	DEER (yds.)	RESOLUTION UP TO (yds.)	
202421	5–1760	7x	1.7x5.1x3.7 / 43x129x94	12.1 / 343	3-volt CR123 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1760	1200	600	1/10	No
NEW	5–1760	7x	1.7x5.1x3.7 / 43x129x94	12.1 / 343	3-volt CR123 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1760	1200	600	1/10	Yes
NEW	5–1760	7x	1.7x5.1x3.7 / 43x129x94	12.1 / 343	3-volt CR123 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1760	1200	600	1/10	Yes

DO BINOCULARS AND A LASER RANGE FINDER IN ONE PACKAGE SOUND TOO GOOD TO BE TRUE? IT'S GOOD... AND IT'S THE TRUTH.

The Bushnell Fusion combines the best of Bushnell binoculars with world leading laser rangefinding capabilities. Every detail of the horizon is magnified with rich contrast and stunning clarity thanks to premium fully multi-coated optics and BaK-4 prisms. Activate the laser rangefinder with the push of a button, and the exact distance to your target – from 10 to 1,760 yards – is displayed. ARC Bow Mode and ARC Rifle Mode are built in. ARC Bow Mode delivers the “shoots-like” horizontal distance; while ARC Rifle Mode provides precise bullet-drop and holdover information. Use it once and you’ll agree – it’s too good to be believed.



10x 42mm

202310

Range: 10–1760+ yards

FUSION™ 1 MILE

The pinnacle of viewing and rangefinding precision with super-premium binocular optics and ARC technology accurate to 1,760 yards. Available in 10x 42 and 12x 50 configurations. Provides bullet-drop/holdover in .1 mil, MOA or inches, and rifle mode provides line-of-sight, angle and bullet-drop/holdover up to 199 inches.



12x 50mm

202312

Range: 10–1760+ yards



FEATURES

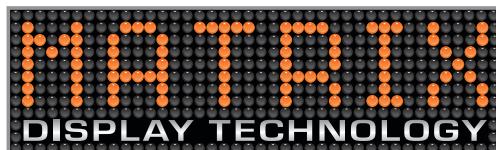
10-1760 Yards Ranging Performance ▶ ARC™ – Bow and Rifle Modes ▶ VSI™ – Variable Sight-In ▶ NEW Matrix Display™ ▶ Selective Targeting System – Bullseye™, Brush™ and Scan Modes ▶ Built-In Battery Life Indicator ▶ Includes CR-123 3-Volt Battery, Neck-Strap and Carrying Case

RANGING PERFORMANCE:

Deer – 500 yards

Tree – 1200 yards

Reflective – 1760 yards

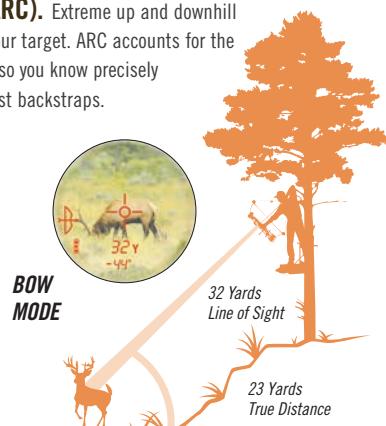
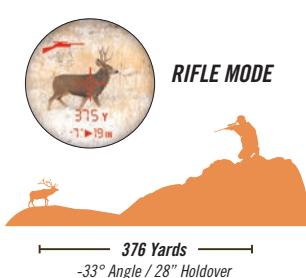


MATRIX DISPLAY TECHNOLOGY dramatically improves contrast, clarity and light transmission for rapid, positive identification. This new technology allows for visible ranging displays while not sacrificing true color fidelity in all lighting conditions.

Rubber-armored metal housing ▶ 6x magnification ▶ VDT™ (Vivid Display Technology) 2nd Generation E.S.P. (Extreme. Speed. Precision.) provides up to $\frac{1}{2}$ yard accuracy and $\frac{1}{10}$ yard display precision ▶ VSI (Variable Sight-in) ▶ ARC Bow Mode – provides true horizontal distance from 5–99 yards ▶ ARC Rifle Mode – provides bullet-drop/holdover in CM, IN, MOA & MIL. ▶ BullsEye™ Brush™ and Scan mode ▶ Range: 5–1,300 yards Diopter adjustment ▶ Compatible with magnetic attachment system ▶ RainGuard® HD Fully waterproof ▶ Built-in tripod mount ▶ Posi-Thread™ battery door



Angle Range Compensation (ARC). Extreme up and downhill angles alter true horizontal distance to your target. ARC accounts for the terrain angle when calculating distance, so you know precisely how to shoot the range. No guesswork. Just backstraps.



Vivid Display Technology (VDT).™

Dramatically improves contrast, clarity and light transmission for rapid, positive identification in all lighting conditions.



VSI™ (Variable Sight-In) Feature

This Rifle Mode feature allows you to set your holdover/bullet-drop information for your rifle's zero – select between 100, 150, 200 and 300-yard sight-in distances for deadly accurate information at the push of a button. Measurements can be displayed in inches, MOA or .1 Mil and VSI also provides shot angle information from -90° to +90°.

FEATURES

VENISON TURBOPROCESSOR.



The quickest way to turn a buck into four quarters.

Lightning speed and unrivaled precision in the palm of your hand: Equipped with 2nd Generation E.S.P.™ (Extreme. Speed. Precision) Turboprocessor, the G-Force® DX is a performance-enhanced version of the most accurate laser rangefinder system in the world – Bushnell® ARC. It delivers industry-leading $\frac{1}{2}$ -yard accuracy and $\frac{1}{10}$ -yard display precision. With Vivid Display Technology™ (VDT), you get bright clear distance readings, even in low light, with an effective range of 5 to 1,300 yards. ARC Bow and Rifle Modes make you deadly accurate in all seasons and terrain. And its rubber-armored metal housing makes it the toughest laser rangefinder we've ever created. Rapid target I.D. is intuitive in all weather conditions thanks to super-sharp 6x optics and our patented RainGuard® HD lens treatment.



G-Force® DX ARC
202461 (camo)

Range: 5–1300 yards
Power/Obj: 6x 21mm



G-Force® DX ARC
202460

Range: 5–1300 yards
Power/Obj: 6x 21mm

MODEL	RANGE (yds.)	MAGNIFICATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	—TARGETING MODES—		—ARC MODES—		—RANGING PERFORMANCE—					
						SCAN	BULLSEYE	BRUSH	BOW	RIFLE	2ND GEN. E.S.P.	REFLCTV. (yds.)	TREE (yds.)	DEER (yds.)	RESOLUTION UP TO (yds.)
202460	5–1300	6x	1.3x4x2.9 / 33x102x74	8 / 227	3-volt CR2 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1300	900	600	1/10
202461	5–1300	6x	1.3x4x2.9 / 33x102x74	8 / 227	3-volt CR2 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1300	900	600	1/10

EASY ARITHMETIC: ONE BUTTON, FOUR HOOVES IN THE AIR.



Sleek, simple and deadly effective – all with the push of a button. Like lightning, Scout® DX 1000 ARC™ acquires the target with built-in E.S.P. Turboprocessor. ARC calculates compensated distance based on terrain angle to give you an accurate “shoots like” reading out to 99 yards – even displaying $\frac{1}{10}$ yard out to 199 yards. With selectable Bow and Rifle Modes, each with their own specialized capabilities, it performs like two units in one. And, it is all housed inside a sleek, rubber-armored unit that's small enough to fit in your pocket, yet tough enough to withstand any weather or terrain.



Scout DX 1000 ARC

202356 (camo)

202355



Range: 5–1,000 yards

Power/Obj: 6x 21mm

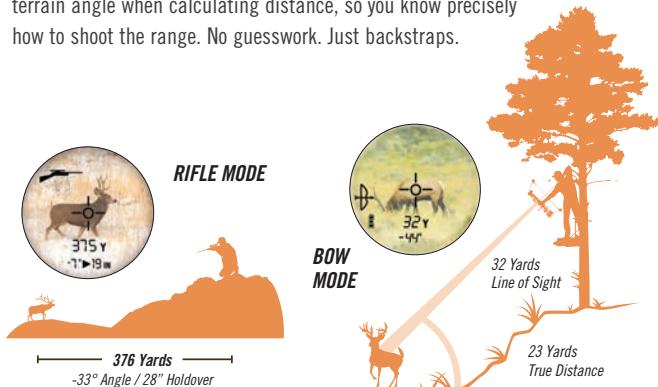


FEATURES

6x magnification ▶ E.S.P. (Extreme. Speed. Precision.) Provides up to $\frac{1}{2}$ yard accuracy and $\frac{1}{10}$ yard display precision ▶ Built-in inclinometer provides ARC ▶ ARC Bow Mode – provides true horizontal distance out to 99 yards ▶ ARC Rifle Mode – provides bullet-drop/holdover in inches, MOA & Mil. ▶ VSI (Variable Sight-in) Bullseye, Brush, and Scan mode ▶ Range: 5-1,000 yards ▶ Diopter adjustment for crystal clear viewing ▶ Fully waterproof ▶ Carrying case, battery, and neck strap included ▶ Compatible with magnetic attachment system ▶ Posi-Thread™ battery door

ARC

Angle Range Compensation (ARC). Extreme up and downhill angles alter true horizontal distance to your target. ARC accounts for the terrain angle when calculating distance, so you know precisely how to shoot the range. No guesswork. Just backstraps.



VSI™ (Variable Sight-In) Feature



This Rifle Mode feature allows you to set your holdover/bullet-drop information for your rifle's zero – select between 100, 150, 200 and 300-yard sight-in distances for deadly accurate information at the push of a button. Measurements can be displayed in inches, MOA or .1 Mil and VSI also provides shot angle information from -90° to +90°.

MODEL	RANGE (yds.)	MAGNIFI- CATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	TARGETING MODES		ARC MODES		RANGING PERFORMANCE					
						SCAN	BULLSEYE	BRUSH	BOW	RIFLE	E.S.P.	RFLCTV. (yds.)	TREE (yds.)	DEER (yds.)	RESOLUTION UP TO (yds.)
202355	5-1000	6x	1.3x4x2.9 / 33x102x74	6.6 / 187	3-Volt CR2 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1000	650	325	1/10
202356	5-1000	6x	1.3x4x2.9 / 33x102x74	6.6 / 187	3-Volt CR2 (incl.)	Yes	Yes	Yes	Yes	Yes	Yes	1000	650	325	1/10



THE CLEAREST VIEW TO THE KILL.

The truth of the matter is this: You won't find a clearer way to experience maximum confidence in your archery shooting than with the Truth® with ClearShot.™ This revolutionary technology provides instantaneous feedback on your shot clearance to go with precise range estimation. ClearShot technology takes the guesswork out of archery shooting and even allows hunters to stop worrying about clipping branches or hitting other obstructions. Calibrating your clearance window is simple with an included calibration card and an automated three-step process that customizes the clearance window to your bow. When calibrated and a target is ranged, a dot displays to show the maximum height your arrow will travel on its path to the target. The Truth with ClearShot ranges out to 850 yards and provides a "shoots like" distance up to 200 yards thanks to the exclusive Angle Range Compensation (ARC).



CLEARSHOT
TECHNOLOGY



THE TRUTH
WITH CLEARSHOT
202442

Range: 7–850 yards
Power/Obj: 4x 20mm

MODEL	RANGE (yds.)	MAGNIFI- CATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	TARGETING MODES				ARC MODES		RANGING PERFORMANCE				
						SCAN	RAIN	REFLECTOR	BULLSEYE	BRUSH	BOW	RIFLE	RFLCTV. (yds.)	TREE (yds.)	DEER (yds.)	RESOLUTION UP TO (yds.)
202442	7–850	4x	1.4x3.8x2.9 / 36x97x74	6.0 / 170	3-volt (incl.)	No	Built-In	Built-In	No	No	Yes	No	850	600	200	1/10

THE CLOSEST DEER HUNTING WILL EVER COME TO LASER SURGERY.

All New Trophy Xtreme.

This hunting guide cuts the 'guess' out of every equation. And leaves the proof on the ground. The Trophy® Xtreme Laser Rangefinder delivers true horizontal distance out to 199 yards. Its rugged, rainproof, ergonomic design makes for easy handling when ranging, and ARC Bow Mode makes angle range compensation a snap. Full Spectrum Targeting reads dark or shaded objects with ease and the simple, one-button design lets you stay focused on your shot—not which button to push.



NEW
TROPHY XTREME
202645

Range: 7–850 yards



NEW TECHNOLOGY



FULL SPECTRUM TARGETING

- Full Spectrum Targeting, unique to Bushnell, enables the acquisition of dark, non-reflective objects.
- Full Spectrum Targeting filters out other colors, allowing you to hone in on a target.

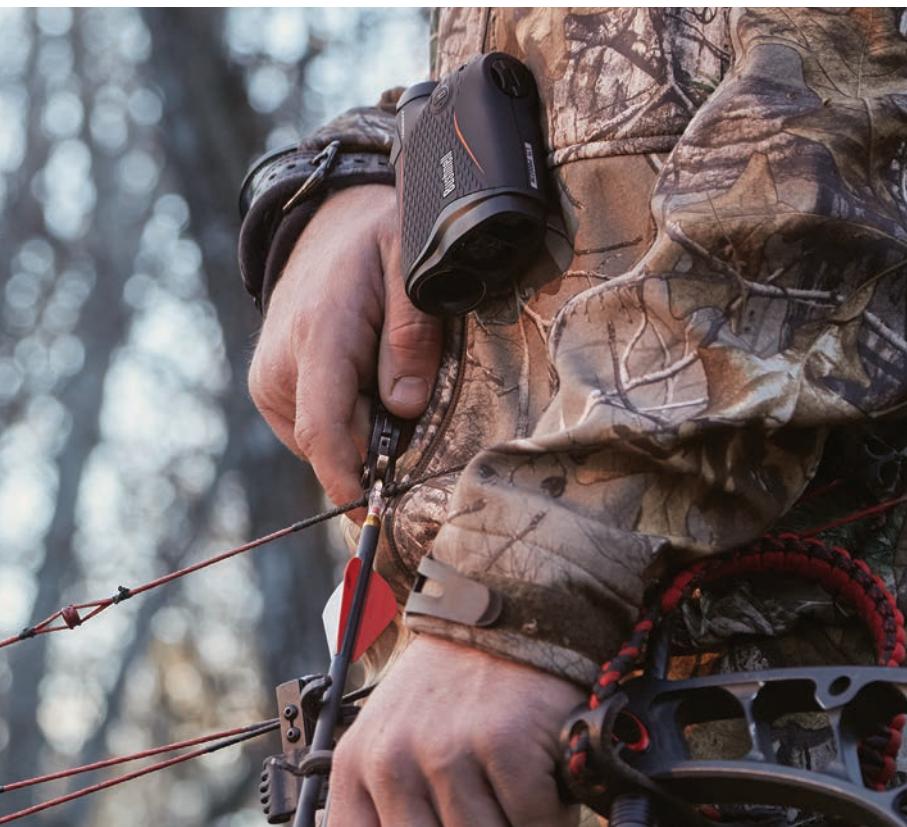
FEATURES

- Pocket-size ergonomic design ▶ 4x magnification ▶ ARC Bow Mode
- provides true horizontal distance from 7–199 yards ▶ Rainproof
- Range: 7–850 yards ▶ Angle range: -90° to +90° ▶ Lightning fast measurements ▶ Carrying case, battery and wrist strap included
- Battery life indicator ▶ Compatible with magnetic attachment system
- ▶ Anti-slip (non-glossy) sure-grip finish ▶ Posi-Thread™ battery door



ARC Bow Mode

Delivers True Horizontal Distance out to 199 yards based on angle from -90 to +90



A TRUE 'CAN'T MISS' PROPOSITION.

All New Trophy.

Your next trophy isn't just within sight, it's laser-lock certain. And the Trophy® Laser Rangefinder makes it just as affordable. Features include 7-850 yard performance, +/- one yard accuracy, Full Spectrum Targeting for positive readings in dark color or shaded areas, and ergonomic design for improved stability while ranging with its simple, one-button design. Built rugged and rainproof, it's practical proof of the value of knowing exactly where your shot will hit—every time.



NEW TECHNOLOGY



FULL SPECTRUM TARGETING

- Full Spectrum Targeting, unique to Bushnell, enables the acquisition of dark, non-reflective objects.
- Full Spectrum Targeting filters out other colors, allowing you to hone in on a target.

FEATURES

Pocket-size ergonomic design ▶ 4x magnification ▶ Rainproof
 Range: 7–850 yards ▶ Lightning fast measurements ▶ Carrying case, battery and wrist strap included ▶ Battery life indicator ▶ Compatible with magnetic attachment system ▶ Anti-slip (non-glossy) sure-grip finish ▶ Posi-Thread™ battery door



**NEW
TROPHY**
202640

Range: 10–600 yards

MODEL	RANGE (yds.)	MAGNIFI- CATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	TARGETING MODES				ARC MODES		RANGING PERFORMANCE			
						SCAN	REFLECTOR	BULLSEYE	BRUSH	BOW	RIFLE	RFLCTV. (yds.)	TREE (yds.)	DEER (yds.)	RESOLUTION UP TO (yds.)
NEW	7-850	4x	1.5x4.0x3.0 / 38x102x77	5.3 / 152	3-volt (incl.)	No	Built-In	No	No	Yes	No	850	600	200	1/10
NEW	7-850	4x	1.5x4.0x3.0 / 38x102x77	5.3 / 152	3-volt (incl.)	No	Built-In	No	No	Yes	No	850	600	200	1/10

RANGEFINDER. A laser rangefinder is a distance-measuring instrument that uses laser technology to calculate the distance to targeted objects. Accuracy is +/- 1/2 yard and the distance is displayed instantaneously on a built-in, through-the-lens display or heads-up projection display.

How Bushnell® Rangefinders Work.

Bushnell rangefinders use an invisible, eye-safe Class 1 laser beam (as classified by the FDA), which is “bounced” off distant objects with the press of a button. Then, the rangefinder’s high-speed digital clock measures the time it takes for the laser beam to reach the target and return to the unit. Next, using advanced digital electronics, the rangefinder instantly calculates the distance within +/- 1 yard and shows the range in either yards or meters on a through-the-lens display. The entire process is so fast that less than a second elapses between the time you press the button to generate a laser beam to the time the exact range to your target is displayed.

Reflectivity of Target Types.

Because rangefinders “bounce” a laser beam off the target in order to take a measurement, their range is partially determined by the reflectivity of the target. In other words, hard or “reflective” targets – such as a rock cliff or semi-truck – can be measured at greater distances than soft surface targets – such as a deer. Ranges for moderately reflective targets and trees, fall somewhere in the middle. Most experienced hunters will use their rangefinder to frequently estimate ranges to near and distant landmarks before they actually encounter a game animal. By pre-measuring ranges to spots where a game animal is likely to appear, they can concentrate on making an accurate shot when the moment of truth arrives.

2nd Generation Extreme. Speed. Precision. (E.S.P.™)

Optimizes measurement accuracy based on target conditions. The laser analyzes multiple individual measurements to the target and displays the ideal strength. 2nd Generation E.S.P. automatically assesses any target variations that may disrupt the laser and improves the measurement up to 1/2 yard accuracy from 5-199 yards. When this occurs, display precision is refined to 1/10th yard readout.



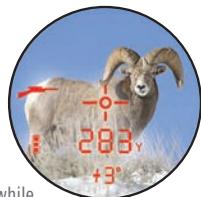
Variable Sight-In (VSI™)Feature

This Rifle Mode feature allows you to set your holdover/bullet-drop information for your rifle's zero – select between 100, 150, 200 and 300-yard sight-in distances for deadly accurate information at the push of a button. Measurements can be displayed in MIL, MOA, inches or cm, and VSI also provides shot angle information from -90° to +90°.



Vivid Display Technology (VDT™)

Created specifically for our premium rangefinder, this optical enhancement dramatically improves contrast, clarity and light transmission, while increasing the brightness of digital readout information for rapid, positive identification in all lighting conditions. The best of heads-up projection displays.



NEW TECHNOLOGY

FULL SPECTRUM TARGETING



- Full Spectrum Targeting, unique to Bushnell, enables the acquisition of dark, non-reflective objects.
- Full Spectrum Targeting filters out other colors, allowing you to hone in on a target.



As the world's best-selling brand of binos, only we have the power to offer the Bulletproof Guarantee. No-risk, all reward. The industry's finest. Find the seal and know our pledge – if you don't love your laser rangefinder in every way, we'll buy them back. Period.



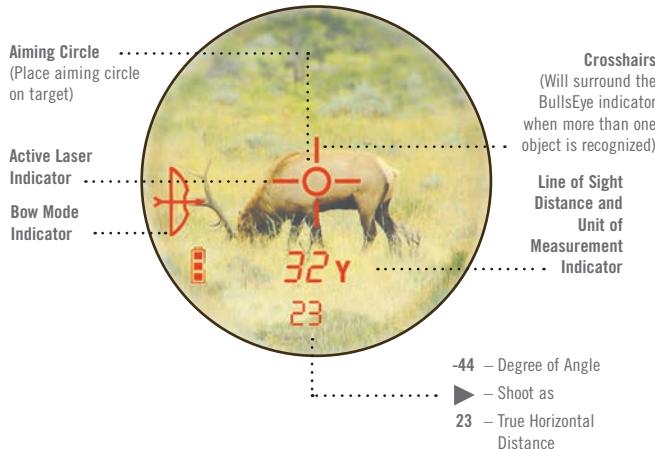
With ClearShot™ there really is no longer any excuse for missing a once-in-a-lifetime shot. This advanced laser technology takes the guess out of archery shots, even allowing hunters the ability to no longer worry about clipping branches or hitting other obstructions. After using a simple, three-step process to calibrate and customize the laser rangefinder to your bow, it will display the maximum height the arrow will travel, based upon the ranged distance. It will also show when there is an object in the way of your shot. We've taken out the variables, so you can just concentrate on taking a good, clean shot. Know your path,™ and you'll get your trophy. All thanks to ClearShot™.

ANGLE RANGE COMPENSATION (ARC)

Extreme up and downhill angles alter true horizontal distance to your target. ARC accounts for the terrain angle when calculating distance, so you know precisely how to shoot the range. No guesswork. Just backstraps.

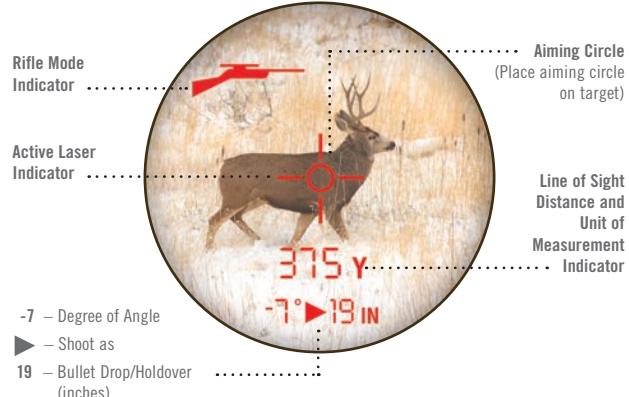
ARC TARGETING MODE: BOW

Provides line-of-sight, angle and true horizontal distance from 5 to 99 yards/meters.



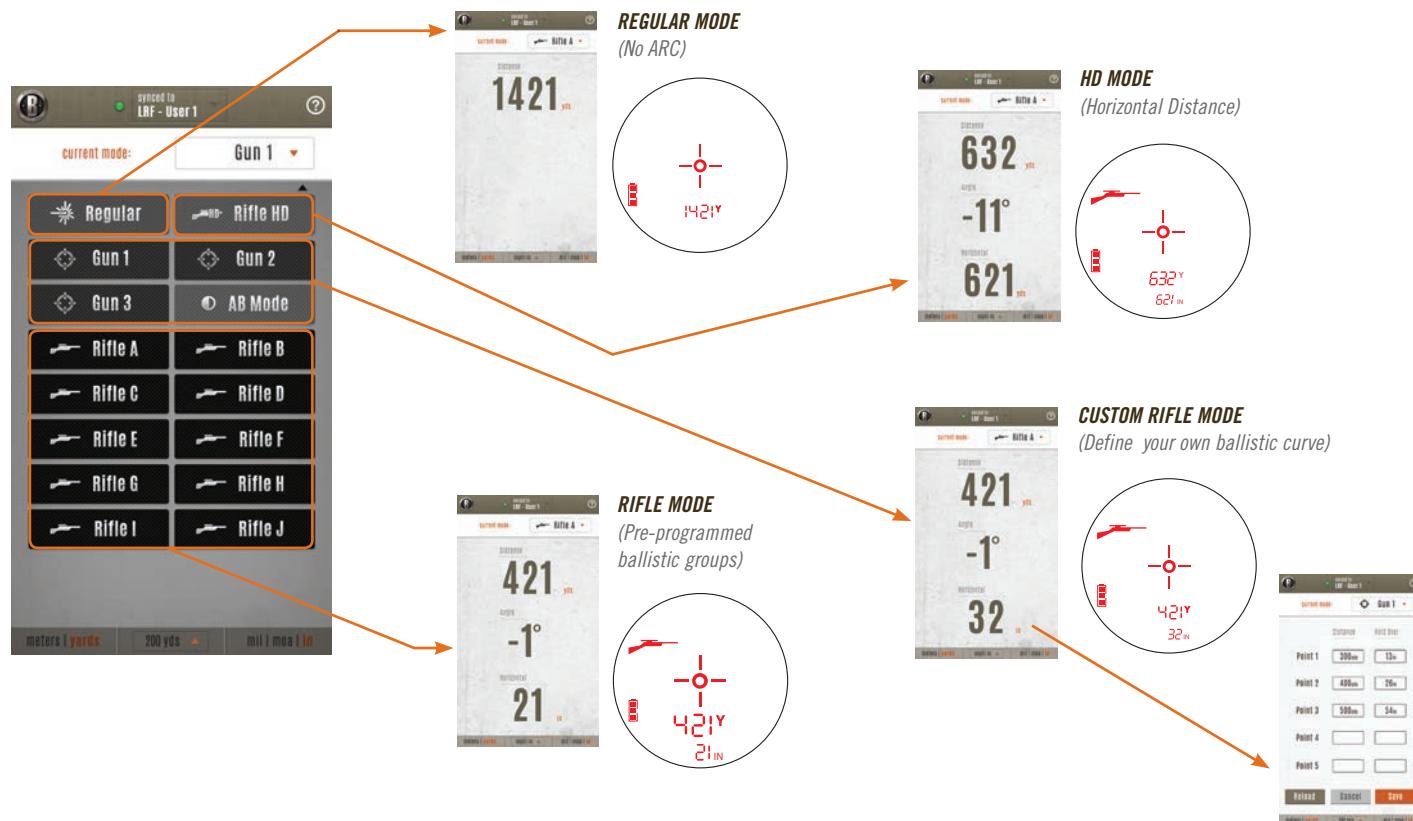
ARC TARGETING MODE: RIFLE

Provides line-of-sight, angle and bullet drop/holdover up to 199 inches.



ELITE® 1 MILE CONX

The CONX interfaces with our ballistic app to provide custom ballistics for multiple rifles with the touch of a finger.



YOU'LL SEE THEM, BUT THEY WON'T SEE YOU (OR YOUR TRAILCAM).

New Pre-set menu choices based on location and illuminated 5-way button control panel make these units the best Trophy Cam ever. Field-proven design with a removable "ARD" anti-reflection LED cover, strengthened cable lock channel and an improved latch for maximum ruggedness. These No-Glow models feature black LEDs that are invisible to both game and other hunters. These models provide stunning images with a super-fast 0.2-second trigger speed, hyper 0.5s recovery rate, extended nighttime photo range and true 1-year battery life. The New Trophy Cam HD No Glows are exactly what hunters have been waiting for.

FEATURES

- ▶ Lightning fast 0.2s trigger speed ▶ Incredible 0.5s recovery rate
- ▶ 100 Feet Detection Distance ▶ Pre-set menus and backlit 5-way buttons for easy setup ▶ Dynamic video ▶ True one-year battery life for all season scouting ▶ Unparalleled night vision distance and brightness



COLOR VIEWER

24MP No Glow

119877C



20MP No Glow

119876C

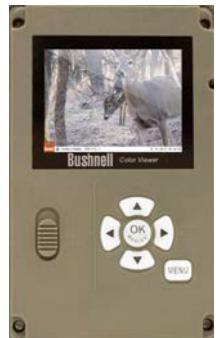


MORE IMAGES, BETTER IMAGES.



24MP Low Glow

119875C

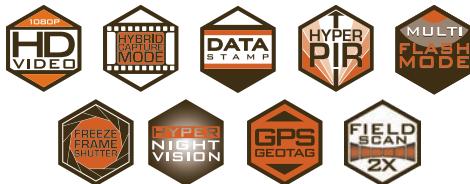


COLOR VIEWER



20MP Low Glow

119874C



FEATURES

- Lightning fast 0.2s trigger speed
- Incredible 0.5s recovery rate
- 100 Feet Detection Distance
- Pre-set menus and backlit 5-way buttons for easy setup
- Dynamic video
- True one-year battery life for all season scouting
- Unparalleled night vision distance and brightness

MODEL	RESOLUTION SETTINGS	PIR SENSOR	LED TYPE	NIGHT VISION FLASH	LCD DISPLAY	DATE/TIME STAMP	NAME/TEMP/MOON/GPS STAMP	POWER SUPPLY	BATTERY LIFE	VIDEO RESOLUTION	VIDEO LENGTH (seconds)	SD CAPACITY	FIELD SCAN 2x	AUDIO RECORD	HYBRID MODE
119877C	24MP	Low/Med/High/Auto	No-Glow	48 Black LED / 80'	Color Viewer	Yes	Yes	AA (8)	Up to 1 year	1920x1080p	Up to 60	32 GB	Yes	Yes	Yes
119876C	20MP	Low/Med/High/Auto	No-Glow	48 Black LED / 80'	B&W Text LCD	Yes	Yes	AA (8)	Up to 1 year	1920x1080p	Up to 60	32 GB	Yes	Yes	Yes
119875C	24MP	Low/Med/High/Auto	Low-Glow	36 LED / 100'	Color Viewer	Yes	Yes	AA (8)	Up to 1 year	1920x1080p	Up to 60	32 GB	Yes	Yes	Yes
119874C	20MP	Low/Med/High/Auto	Low-Glow	36 LED / 100'	B&W Text LCD	Yes	Yes	AA (8)	Up to 1 year	1920x1080p	Up to 60	32 GB	Yes	Yes	Yes

THE TRAIL CAMERA THAT CHECKS ON YOU.

It shoots first, then sends pictures. Just turn it loose. The new Trophy® Cam HD Aggressor Wireless's aggressive design and hunt-proven features deliver all the evidence you need to plan your perfect shot – wherever your smartphone is. Advancements include improved nighttime images, high-resolution 14MP images for tack-sharp clarity and working GPS sends daily location updates. It gives you premium command and control with free iPhone and Android App, and expanded AT&T Coverage. It's your boots-on-the-ground view, on call 24/7. In this case, 'aggressive' could be an understatement.

**TROPHY
CAM HD
AGGRESSOR
WIRELESS**

NEW
Trophy Cam HD
Aggressor Wireless
119599C2

Now with 4x the
thumbnail resolution.
New all metal buckle.



WE'VE ADVANCED THE WIRELESS TRAIL CAMERA

14 MP

**0.3 SECOND
TRIGGER SPEED**

DAILY LOCATION
GPS
MONITORING

**4X THUMBNAIL
RESOLUTION**



**48 NO-GLOW
LED'S**



**EXPANDED
NETWORK
COVERAGE**



TROPHY® CAM HD AGGRESSOR WIRELESS

HOW IT WORKS

No Contract – Pay As You Go



The Trophy Cam HD Wireless operates on AT&T's wireless data network using pre-paid plans through Bushnell.

Unlimited Thumbnail Images For the first 30 Days



Ready To Use Out Of The Box

1. Install batteries and SD Card.



2. Register the camera online.



3. Mount it on your favorite tree.



Premium Command & Control

Send images to your smart phone, email, web and Facebook.
Change setting remotely via smart phone APP or PC.



MODEL	RESOLUTION SETTINGS	PIR SENSOR	NIGHT VISION FLASH	LCD DISPLAY	DATE/TIME STAMP	NAME/TEMP/MOON/GPS STAMP	POWER SUPPLY	BATTERY LIFE	VIDEO RESOLUTION	VIDEO LENGTH* (seconds)	SD CAPACITY	FIELD SCAN 2x	AUDIO RECORD
119599C2	14MP	Low/Med/High/Auto	48 LED / 80'	2.4" Color LCD View Screen	Yes	Yes	AA (4-12)	Up to 3 months	1280x720p	Up to 60	32 GB	Yes	Yes

*Video not transmitted wirelessly



NatureView HD Cam + Live View

119740

Breathtaking 1080p HD video and 14MP images makes this the best choice for the most stunning views. Includes everything in our standard model, plus a host of upgrades. Includes close focus lenses (60cm and 46cm focus).

2.4" color LCD view screen for precise aiming of camera included.



NatureView HD Essential Cam

119739

Captures incredible 720p HD video, 12MP images and features audio record in video mode.



FEATURES

14MP high-quality full color resolution ▶ 24 HR/Day/Night mode ▶ External power compatible ▶ Adjustable PIR (Lo/Med/High) or Auto PIR ▶ 0.2-second trigger speed
 Programmable trigger interval: 1 sec. to 60 min. ▶ Multi-image mode: 1-3 images per trigger ▶ Video length: 5 seconds to 60 seconds, programmable ▶ Field Scan time-lapse mode takes images at pre-set intervals, 1 minute to 60 minutes
 Temperature range -5° F to 140° F ▶ PIR sensor is motion activated out to 60 ft.
 Runs up to one year on one set of batteries ▶ Adjustable web belt and 1/4-20 socket ▶ SD card slot ▶ Hybrid capture mode – video and photo for every trigger

MODEL	RESOLUTION SETTINGS	PIR SENSOR	NIGHT VISION FLASH	LCD DISPLAY	DATE/TIME STAMP	NAME/TEMP/MOON/GPS STAMP	POWER SUPPLY	BATTERY LIFE	VIDEO RESOLUTION	VIDEO LENGTH (seconds)	SD CAPACITY	FIELD SCAN 2x	AUDIO RECORD
119740	14MP	Low/Med/High/Auto	40 Black LED / 60'	B&W Text LCD	Yes	Yes	AA (4-12)	Up to 1 year	1920x1080p	Up to 60	32 GB	Yes	Yes
119739	12MP	Low/Med/High/Auto	32 LED / 80'	B&W Text LCD	Yes	Yes	AA (4-8)	Up to 1 year	1280x720p	Up to 60	32 GB	Yes	Yes

AMAZING IMAGES, AMAZING VALUE.



16MP Low Glow

119837C



Keep a watchful eye on your favorite outdoor spot around the clock with the new Bushnell® Trophy® Cam Essential HD. Adjustable settings allow you capture one to three images per trigger, or anywhere from five to 60 seconds of video at a time. Adjust the trigger interval anywhere from one second to 60 minutes to capture that perfect shot. The 16MP resolution and automatic day/night sensor ensure crisp, vivid images every time. No camera is more efficient, either. The Trophy Cam Essential HD lasts up to 12 months on one set of batteries. If you want to see what's out there, all you have to do is set one up.



FEATURES

- 0.3-second trigger speed
- True one-year battery life for all season scouting
- 16MP high-quality full color resolution
- PIR sensor is motion activated out to 100 ft.



MODEL	RESOLUTION SETTINGS	PIR SENSOR	NIGHT VISION FLASH	LCD DISPLAY	DATE/TIME STAMP	NAME/TEMP/MOON/GPS STAMP	POWER SUPPLY	BATTERY LIFE	VIDEO RESOLUTION	VIDEO LENGTH (seconds)	SD CAPACITY	FIELD SCAN 2x	AUDIO RECORD
119837C	16MP	Low/Med/High/Auto	Low-Glow 32 LED / 100'	B&W Text LCD	Yes	Yes	AA (8)	Up to 1 year	1280x720p	Up to 60	32 GB	Yes	Yes

PEACE OF MIND THAT FITS IN THE PALM OF YOUR HAND.

Introducing our WiFi Surveillance Cam! The technology you need to protect what's rightfully yours. Keep a watchful eye over your property with our simple-to-use, easy-to-install and always-reliable Surveillance Cams. Available in Low Glow and Covert No Glow units, each provides razor-sharp clarity and full color resolution. Plus a rugged, weatherproof design, covert size and the assurance of a 6 month-plus lifespan on only 4 AA batteries. We also offer a complete team of Surveillance Cam accessories for maximum security and peace of mind, all at an affordable price.

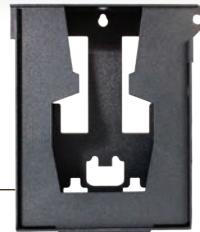
FEATURES

20 Night Vision LEDs for 30' reach on infrared night videos & photos ▶ Digital 6MP full-color resolution, day or night ▶ Motion-capture detected 1-1.5 second camera trigger speed ▶ Programmable still image and video recording ▶ Date and time stamp on every image ▶ Recent image mode—managed storage space keeps only latest images ▶ 2GB SD card included ▶ Includes 90-degree pivoting bracket ▶ Adjustable photo delay ▶ Compact size for discreet camera placement ▶ Weatherproof protection ▶ SD card slot accepts up to 32GB

Security Box

119516C

(Works with 119519C, 119514C and 119522CL)



Included with 119514C &
119522CL



NEW Surveillance Camera

119519C (Black LED with WiFi)
119514C (Black LED)

Captures incredible 640p video, 6MP images and features audio record in video mode.



Surveillance Camera

119522CL (Low Glow LED)

Captures incredible 640p video, 6MP images and features audio record in video mode.



Adjustable Security Cable Lock

119518C



AC Adaptor

119517C



Bracket

119515C

MODEL	RESOLUTION SETTINGS	PIR SENSOR	NIGHT VISION FLASH	LCD DISPLAY	DATE/TIME/TEMP/MOON STAMP	POWER SUPPLY	BATTERY LIFE	VIDEO RESOLUTION	VIDEO LENGTH (seconds)	SD CAPACITY	FIELD SCAN
119519C	6MP	Low/Med/High/Auto	20 Black LED / 30'	B&W LCD	Yes	AA (4)	Up to 6 mo.	640x480p	Up to 60	32GB	Yes
119514C	6MP	Low/Med/High/Auto	20 Black LED / 30'	B&W LCD	Yes	AA (4)	Up to 6 mo.	640x480p	Up to 60	32GB	Yes
119522CL	6MP	Low/Med/High/Auto	32 LED / 30'	B&W LCD	Yes	AA (4)	Up to 6 mo.	640x480p	Up to 60	32GB	Yes

Solar Panel

119756C (Compatible with 119599C2, 119874C, 119875C, 119876C, 119877C)

Indefinitely extend your battery life.

**Security Box**

119653C (Works with 119636C, 119739)

119754C (Works with 119837C, 119874C, 119875C, 119876C, 119877C)

Allows high level of protection from game. Can be used with Deluxe Tree Bracket. Can be secured with lag screws or with Master Python Lock.

**Deluxe Tree Bracket**

119652C

Screws into any tree. 1/4-20 threads into bottom of Trophy Cam™. Adjustable head allows mounting flexibility. (Compatible with all Trophy Cams)

**Security Box**

119855C (Compatible with 119599C2)

Allows high level of protection from game. Can be used with Deluxe Tree Bracket. Can be secured with lag screws or with Master Python Lock.

TERMS

Hyper PIR. This new system's built-in temperature sensor self-regulates the passive infrared sensor for more consistent function in all conditions. Extended coverage range for camera PIR sensor out to 100 feet or beyond.

Hybrid Capture Mode. Capture full resolution images and video simultaneously on every trigger.

Embedded GPS Geotag. Each HD Trophy Cam™ has the option to automatically embed GPS coordinates to make tracking game movement and camera placement simple.

Field Scan 2x Time-Lapse Mode. Time-lapse technology automatically snaps images at preset intervals of one minute to one hour, within the hours of your choice. Now with two available time slots so you can monitor dusk and dawn movement. Because it's not triggered by game, it provides the widest viewing area possible. But unlike all other time-lapse cameras, its simultaneous live trigger will still capture images of anything that walks by.

Hyper Night Vision. A quantum leap in distance and brightness, this new system ensures the sharpest after-dark imagery.

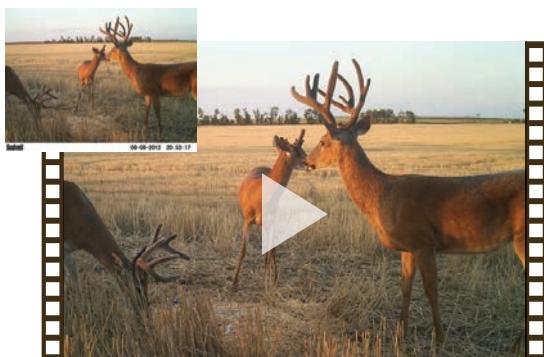
IR Flash. LED night vision flash. Sends a burst of infrared energy that is invisible to the human eye. Especially useful for night photos when a visible flash is undesirable, such as in high-pressure hunting areas.

No-Glow Black LEDs. Completely invisible to game and other hunters. Also ideal for security surveillance.

Multi-Flash Mode. Allows you to adjust flash power for different setups to conserve battery power where applicable.



Hybrid Capture Mode. Capture full resolution images and video simultaneously on every trigger.



OWN THE NIGHT WITH EQUINOX™ Z.

Equinox Z Digital Night Vision from Bushnell® offers outstanding optical clarity, ultimate illumination and an unmatched field of view. Features such as zoom, image capture, video recording and daytime color team with our super-charged digital NV technology. Other bar-setting features include a long battery life, tripod-mounting capabilities and glass objectives. Plus, they all feature an extra-durable housing. Nothing lights up the night like Equinox Z Night Vision.



FEATURES

Powerful infrared illumination ▶ 4 AA batteries
 Day or night viewing ▶ Rugged water-resistant housing
 Video out capable ▶ Tripod mountable ▶ Outstanding optical clarity

NEW

2x 40mm Equinox™ Z Binocular

260500

Style: Digital Binocular



IMAGE CAPTURE



VIDEO RECORDING



DAYTIME COLOR



ZOOM



VIEWING DISTANCE



NEW

4x 50mm Equinox™ Z Binocular

260501

Style: Digital Binocular



IMAGE CAPTURE



VIDEO RECORDING



DAYTIME COLOR



ZOOM



VIEWING DISTANCE



6x 50mm Equinox™ Z

260150

Style: Digital Monocular

**3x 30mm Equinox™ Z**

260130

Style: Digital Monocular

**4.5x 40mm Equinox™ Z**

260140

Style: Digital Monocular

**4.5x 40mm Equinox™ Z
Digital Night Vision and AR Mount**

260140MT

Style: Digital Monocular 260140 with mount



MODEL	TYPE	MAGNIFICATION X OBJ. LENS	MAXIMUM VIEWING RANGE (ft. / m)	FIELD OF VIEW (ft. @100yds. / m@100m)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in. / mm)	WEIGHT (oz. / g)	TRIPOD MOUNT
260130	Digital	3x 30mm	656 / 200	30 / 9	Yes	AA (4)	6.5 x 3.2 x 2.1 / 164 x 82 x 53	15 / 425	Yes
260140	Digital	4.5x 40mm	738 / 225	28 / 8	Yes	AA (4)	6.5 x 3.9 x 2.4 / 164 x 98 x 62	22 / 623	Yes
260150	Digital	6x 50mm	984 / 300	20 / 6	Yes	AA (4)	7.85 x 3.9 x 2.5 / 191 x 98 x 64	27 / 765	Yes
NEW 260500	Digital	2x 40mm	500 / 154	79 / 2	Yes	AA (4)	6.5 x 6.1 x 2.9 / 165 x 155 x 74	26 / 754	Yes
NEW 260501	Digital	4x 50mm	750 / 230	37 / 12.2	Yes	AA (4)	6.9 x 6.4 x 2.9 / 175 x 163 x 74	29 / 822	Yes
260140MT	Digital	4.5x 40mm	738 / 225	28 / 8	Yes	AA (4)	6.5 x 3.9 x 2.4 / 164 x 98 x 62	22 / 623	Yes

NIGHT VISION IN THE PALM OF YOUR HAND.

There's no telling when you'll need to unveil the nighttime world. Bushnell® Night Vision gives you that ability any time, anywhere. Our pocket-sized monocular turns night into day with proven technology. Delivering clarity, illumination and field of view, Equinox™ continues to raise the bar for Generation 1 night vision. The compact model features rugged, weather-resistant housing and integrated accessory rails, letting you easily add an IR flashlight to dramatically increase viewing range. It is perfect for camping, caving, wildlife observation, surveillance – or simply peace of mind.



2x 28mm Equinox

260228
Style: Gen 1 Monocular

Features a compact design
with the clarity and brightness
of our charged-up Gen 1 optics.



MODEL	TYPE	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft. / m)	FIELD OF VIEW (ft. @100yds. / m@100m)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in. / mm)	WEIGHT (oz. / g)	TRIPOD MOUNT
260228	Gen 1	2x 28mm	656 / 200	112 / 37	Yes	CR 123 (1)	5.8 x 3.2 x 2.1 / 147 x 82 x 52	9.2 / 262	Yes

SET YOUR SIGHTS ON THE FUTURE OF NIGHT VISION BINOCULARS.

Bushnell® is taking night vision optics to a whole new level with the next-generation Lynx™ binoculars. These night vision binoculars sport a viewing distance of 750 feet. The model features built-in IR for the best night viewing possible. It also boasts long-lasting power with a minimalist power supply (two AAA batteries).

Better battery life and better range in an extremely lightweight, compact design? That's the future of night vision, brought to you by the Bushnell Lynx binoculars.



2x 40mm Lynx

260401
Style: Gen 1 Binocular

Exceptionally comfortable to use during long periods of observation and viewing. Lightweight, extra-long viewing range and a wide field of view makes these binoculars ideal for law enforcement, night navigation and wildlife surveillance.



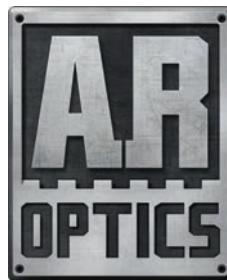
FEATURES

Gen. 1 image-intensifier tube ▶ Powerful infrared spotlight ▶ 750-feet viewing range ▶ Weather-resistant ▶ 20/70 hours ▶ Built-in tripod mount ▶ Operates on 2 AAA batteries

MODEL	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft. / m)	FIELD OF VIEW (ft. @100yds. / m@100m)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in. / mm)	WEIGHT (oz. / g)	TRIPOD MOUNT
260401	2x 40mm	4-750 / 1.2-183	94 / 31	Yes (Built-In)	AAA (2)	6.5 x 6.3 x 3.0 / 165 x 160 x 76	170 / 794	Yes

NIGHT VISION IN THE PALM OF YOUR HAND.

The Digital Sentry is Bushnell® AR Optic's first night vision monocular. The 2x monocular is multiple carry – it comes with helmet and weapon mounts, or can be used as a handheld device. The night vision is powered by an 850 nM LED IR Illuminator with an intensity control for clear images in any light, and the viewing area reaches out to 200 yards. It serves as a 2x magnifier during the day, and can be used with a red dot as a night aiming solution. The Digital Sentry is an excellent tool for hunters, outdoorsmen, homeowners and even paintball enthusiasts – anyone who needs to see clearly in the dark.



**2x 28mm
Digital Sentry**
AR142BK
Style: Digital Monocular

Features a compact design with the clarity and brightness better than Gen 2 analog devices.



**Helmet not included
Includes J-Arm Adapter**

FEATURES

- ▶ Powerful infrared illumination
- ▶ (1) 2x Digital Monocular
- ▶ Tactical Storage Pouch
- ▶ Rubber Eyecup
- ▶ Head mount J-arm
- ▶ Weapon Mount
- ▶ (2) AA Batteries (not included)
- ▶ Instructions
- ▶ Night Optics Decal
- ▶ Velcro Morale Patch

MODEL	TYPE	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft. / yds)	FIELD OF VIEW (Horizontal)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in.)	WEIGHT (oz. / g)
AR142BK	Digital	2x 28mm	660/220	6.4°	850nM	AA	6.75 x 2.25 x 2.13	8.9/252

NIGHT VISION. Bushnell® Digital Night Vision is comprised of high-quality optics and electronics to provide high-resolution images. Using the latest technology, day and nighttime images are magnified and displayed on an internal micro-display viewing screen.

Digital Night Vision

Bushnell Digital Night Vision products collect existing light through the objective lens, which is then processed through a CCD or CMOS digital image sensor which converts light into an electronic signal – similar to the ones commonly used in digital cameras, but with greater sensitivity it's extending into the infrared range. After additional processing, the digital image is then transferred to a "near eye" LCD micro-display for you to view. The image quality is comparable to Gen 2 or higher night vision units that use conventional analog image intensifier technology (digital night vision does not use the "Gen _" classification system). Another advantage offered by digital night vision technology is video output capability, allowing real-time transmission to video camcorders, TV monitors or computers.

Image-Intensified Night Vision

An optical device comprised of high-quality, image-intensifier tubes and optics that amplify existing light to allow you to see in conditions too dark for the naked eye.

How Does It Work?

1. Available light (energy) is collected by the objective lens and focused on the image intensifier.
2. Inside the intensifier, a photocathode is "excited" by the light and converts the energy into electrons.
3. The electrons accelerate across an electrostatic field inside the intensifier and strike a phosphor screen (like a monochrome TV screen), which emits an image that you can see. This acceleration of electrons provides gain and enhances the image.

Types of Bushnell Night Vision

Generation 1 (Analog): Does not require an active infrared light source. Instead it amplifies available ambient light.

Digital: An infrared sensitive digital sensor and LCD display produce higher viewing quality than analog technology.

Night Vision Monocular: A night vision device for use with one eye.

Field of View

The width of the field visible through the night vision system at a distance of 100 yards or meters.

Eyepiece Focus

Used to match your night vision scope to your specific eyesight.

Image Intensifier or Intensifier Tube

The active component in an analog night vision system that amplifies light and presents a usable image.

Infrared (IR) Illuminator

Provides a light source for the system to amplify, yielding enhanced images in very low-light conditions such as caves, where no ambient light is available for amplification.

Objective Lens

Collects all available light and focuses it on the image intensifier. It also provides image magnification. The best objective lenses are high-speed (f2 or faster) and are coated for maximum efficiency in the near-infrared bandwidth.

Phosphor Screen

Positioned at the back of the intensifier tube, the green phosphor screen renders a visible night vision image. The human eye is most sensitive to green contrasts.

Photocathode

Converts light (photon energy) into electrons (electrical energy), which are then amplified in the intensifier. The objective lens focuses available light on the photo-electric surface of the photocathode, which is excited and passes electrons within the tube.

Resolution

A measure of the ability to render and display a detailed image. Image-intensifier resolution remains constant and is expressed as the maximum number of line pairs per millimeter (lp/mm) that can be discerned when a black-and-white stripe pattern is focused on the photocathode.



GET LOST IN SPACE AND KNOW EXACTLY WHERE YOU ARE.

Tour the heavens on autopilot. A quick push of a button guides its precision optics to any of the 20,000 celestial objects in its preprogrammed database. Find your destination on the handheld control module, enter "Go To" and the NorthStar® computer automatically centers the telescope on your target. Amateurs can stargaze like seasoned veterans – and get an astronomy lesson at the same time. Real Voice Output™ describes what you're seeing in an actual human voice. Disarm the computer-driven location and tracking, and there's a red dot finderscope for manual star hopping. The brilliance of the NorthStar will humbly take you anywhere you want to go.

FEATURES

- 1.25" eyepiece ▶ Remote handheld control module with Real Voice Output ▶ Power-boosting Barlow lens (reflectors only)
- "Go To" computerized tracking technology ▶ Red dot LED finderscope ▶ Camera adaptable ▶ Quick-release tripod
- Kinematic mount ▶ Accessory tray

*Note: Magnification is calculated magnification.
Low power is recommended for most viewing conditions.*





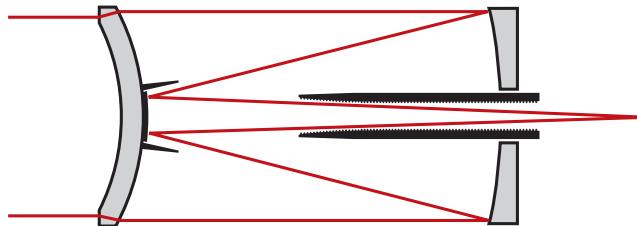
900mm x 4.5"
788846

700mm x 3"
788831

Style: Reflector
Mount: Kinematic

REAL VOICE OUTPUT

With the touch of a button this talking telescope describes the wonders of the night sky in a real human voice – an interactive and educational way to explore the heavens.



Light path through a Maksutov-Cassegrain

With a unique meniscus-shaped front glass lens element, the Maksutov-Cassegrain optical design has a strong heritage in astronomy. Utilizing a spherically curved front lens element in conjunction with a similarly curved primary mirror, this incredible design provides remarkably sharp images in a compact folded-light path package. The total optical system provides a focal length much longer than the actual optical tube body length to yield an awesome scope image, yet compact enough to take out in the backyard or on the road. This advanced design has typically been found only on many higher-end systems often used by professionals.



MODEL	SPECIFICATIONS	MOUNT	FOCAL LENGTH (mm)	EYEPieces (mm)	MAGNIFICATIONS
788831	700mm x 3," Motorized "Go To" Reflector	Kinematic Mount	700	4, 20	35, 105, 175, 525
788846	900mm x 4.5," Motorized "Go To" Reflector	Kinematic Mount	900	4, 20	45, 135, 225, 675
788890	1250mm x 90mm, Motorized "Go To" Maksutov-Cassegrain	Kinematic Mount	1250	4, 25	50, 312.5

SPACE TRAVEL FOR EVERYONE.

Actually, it's for anyone with willing eyes and ears.

The ultimate first telescope, our Voyager® Sky Tour™ series gives amateur stargazers a pro-grade audio tour of the night sky. Its Illuminated Smart Mount points the way as the talking handset describes constellations and planets, and keeps you engaged with entertaining facts and mythology. Keeping pace is easy with the LED red dot finderscope. You're an instant expert with the Sky Tour series.



FEATURES

Electronic Sky Tour handset gives you a real-time audio tour of the night sky with adjustable volume and choice of language ▶ Discover constellations, mythology, amazing facts and planets ▶ Illuminated Smart Mount guides you to the objects highlighted by the handset with backlit LED display ▶ LED electronic red dot finderscope for fast positioning ▶ Large 1.25" diameter eyepieces ▶ Sturdy preassembled construction ▶ The ultimate first telescope

Note: Magnification is calculated magnification. Low power is recommended for most viewing conditions.

SKY TOUR TALKING HANDSETS. The Digital Sky Tour talking handsets included with our Voyager series telescopes are the ultimate way to learn the lay of the universe. While the voice highlights your choice of constellations, planets, mythology or amazing facts (in English, Spanish or French), the telescope's Illuminated Smart Mount lights up to get you dialed in on the celestial object. The red LED display and buttons are illuminated for easy nighttime use. It's the ultimate way to keep first-time telescope users and amateur astronomy enthusiasts engaged, entertained and learning.

ILLUMINATED SMART MOUNT. The Illuminated Smart Mount lights up and points the way to the celestial object referenced by the handset. An exclusive feature of Bushnell® Voyager models.





800mm x 70mm 789971

Versatile, talking manual "Go To" refractor telescopes that give an audio tour of the universe. The mount lights up to point the way. Also perfect for land viewing.

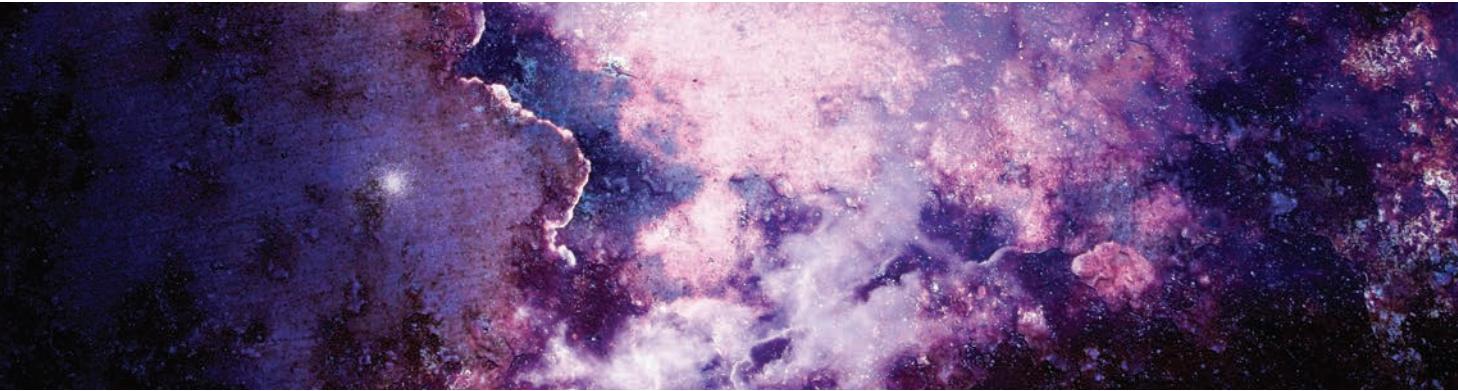


700mm x 3" 789931
900mm x 4.5" 789946

Large reflector telescopes that guide you across the night sky with real-time audio and our Illuminated Smart Mounts. Barlow lens included.

MODEL	SPECIFICATIONS	MOUNT	FOCAL LENGTH (mm)	EYEPIECES (mm)	MAGNIFICATIONS
789971	800mm x 70mm, Refractor	Illuminated Smart Mount	800	8, 12.5	64, 100
789931	700mm x 3," Reflector	Illuminated Smart Mount	700	4, 8, 12.5	56, 88, 176
789946	900mm x 4.5," Reflector	Illuminated Smart Mount	900	4, 8, 12.5	72, 113, 226

TELESCOPE. An optical instrument used for viewing distant objects, usually in the night sky.



Barlow Lens

An auxiliary lens that increases the power by a factor. For example, a 2x Barlow doubles the magnification of the telescope.

Erecting Lens

Lens used with a refractor telescope when viewing land-based objects to correct the normally upside-down image provided by an astronomical telescope.

Finderscope

On most astronomical telescopes a lower-powered finderscope with a wider field of view lets the user quickly locate the object to be viewed and aim the high-magnification main telescope.



Focal Length

The measured light path of the optical system (tube length), typically measured in millimeters. Telescopes are listed as 900 x 4.5" or 750 x 60mm. The first number refers to the focal length of the telescope.

Focusing Knob

Controls the rack and pinion focusing system. Permits smooth movement of the eyepiece for precise, sharp images.

Objective Lens Size (or Aperture)

The second number in the formula (900mm x 4.5") is the diameter of the objective lens or mirror in inches or millimeters. The aperture relates directly to how bright images will appear and how much detail is revealed. The larger the objective lens, the better. The size of the telescope's objective lens, or aperture, limits the amount of power that can be used effectively. As the magnification of an object increases, the brightness of the image decreases. This is because the light gathered by the telescope is being spread over a larger area. Aperture also limits the clarity of an image at increased magnification. When magnified beyond an aperture's recommended power, the image dims and becomes fuzzy.

Magnification (Power)

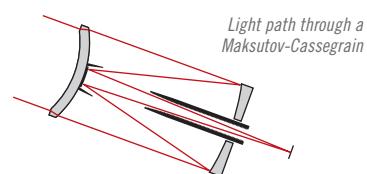
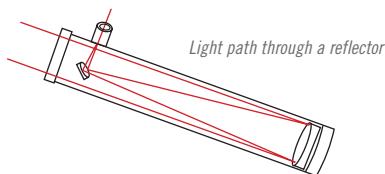
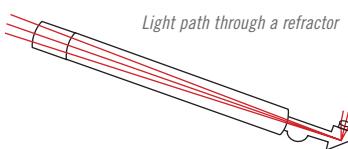
With a 100x telescope, the object being viewed appears to be 100 times closer than you would see it with the unaided eye. The magnification of a telescope is determined by dividing its focal length by the focal length of the eyepiece being used. For example, a 500mm telescope with a 5mm eyepiece would magnify objects 100x.



Note: Magnification is calculated magnification. Low power is recommended for most viewing conditions.

Resolution

Resolution, or definition, is the ability of a telescope to distinguish fine detail and retain clarity.



Refractor: An optical system that utilizes a series of glass lenses to refract or bend the light from a distant object such that it can be focused to a point and magnified by an eyepiece. Popularized by Galileo in the 17th century, it is sometimes referred to as a Galilean refractor.

Reflector: The optical system in a reflector uses a primary mirror to reflect the light from a distant object such that it can be focused to a point and magnified by an eyepiece. Popularized by Sir Isaac Newton in the 17th century, it is sometimes referred to as a Newtonian reflector.

Maksutov-Cassegrain: A design that utilizes a spherically curved front lens element in conjunction with a similarly curved primary mirror. This configuration provides incredibly sharp images in a compact folded-light path package. The total optical system provides a focal length much longer than the actual optical tube body length.

How to choose. When selecting a telescope, consider which target objects you plan to explore, as well as your level of experience. For viewing most night sky objects, you'll want a telescope with as much aperture as possible. Keep in mind that as the size of the objective lens or mirror increases, so does the size of the telescope. So be sure to select a telescope that isn't too heavy to manage or too complicated for you to set up – especially if portability is a necessity.

Eyepieces

Lower-power eyepieces provide a wider field of view and a brighter image, making them ideal for viewing the full moon and planets, star clusters, nebulae and constellations. To focus in on the finer details of the moon and planets such as mountains, ridges and craters, use an eyepiece with higher magnification.

“Go To” Computerized Star Locator

This exciting feature utilizes an onboard computer and advanced motorized technology to allow you to quickly locate and automatically follow over 20,000 preprogrammed astronomical objects with the touch of a button. Educational descriptions of each object are also provided.

Real Voice Output™

Talking telescope describes the night sky with the touch of a button in a real human voice – an interactive and educational way to explore the heavens.

Reflectors

Reflectors feature larger apertures for a wide range of viewing options at an affordable price. Designed with the eyepiece located at the top of the tube, reflectors are more comfortable to use for viewing night sky objects such as nebulae, the moon, planets and galaxies. Reflectors tend to be heavier and larger than refractors.



Refractors

Refractors are less affected by atmospheric instabilities, making them perfect for observing the moon and planets. Perfect for first-time and novice astronomers, small refractors are lightweight, portable and require very little maintenance. And, if you're interested in viewing both land and celestial objects, refractors are equipped for both uses.



Sky Tour™ Talking Handsets

The Sky Tour talking handsets included with our new Voyager® series telescopes are the ultimate way to learn the lay of the universe. While the voice highlights your choice of constellations, planets, mythology or amazing facts (in English, Spanish and French), the telescope's Illuminated Smart Mount lights up to get you dialed in on the celestial object. The red LED display and buttons are illuminated for easy nighttime use. It's the ultimate way to keep first-time telescope users and amateur astronomy enthusiasts engaged, entertained and learning.

Mounts

There are two basic types of telescope mounts, the altitude-azimuth (or altaz) and the equatorial. Altaz mounts are the easiest to maneuver and are ideal for first-time astronomers.



Illuminated Smart Mount

Illuminated Smart Mount

Allows precise left to right and up and down motion along with illuminated dials for navigating the night sky.

Kinematic Mount

Undoubtedly the most precise, yet simple telescope mount in years, this high-precision altaz mount uses the principle that it requires three points to form a plane. Designed for optimum shape, the kinematic mount features three points of contact in both horizontal and vertical planes.



Kinematic Mount

ACCESSORIES

25mm Kellner Eyepiece 780102

High-quality, multi-element 1.25" diameter eyepiece.



Camera Adapter 780104

Use with low-power eyepiece and camera for astrophotography.



2x Barlow Lens 780105

Doubles the magnification of any 1.25" diameter eyepiece.



DIGITAL IMAGING. Like the film camera, digital imaging uses a lens to focus the image to a flat plane. While the film camera relies on film to capture the image, the digital uses a sensor. As light strikes the array of picture elements (pixels) that make up the sensor, it's converted to a current that's passed on to a digital or A-D converter. From the A-D converter, algorithms are applied to the signal, converting it to a digital image file.

Digital Imaging Sensors

These are silicon chips consisting of millions of tiny photo diodes, which convert light into an electronic signal. A CMOS sensor is used in Bushnell® imaging products.

File Compression or "Quality"

In addition to high- and low-resolution settings, many digital cameras provide options for selecting the amount of file compression applied when photos are stored in memory. Higher-quality settings use less compression, but take up more storage space.

Interpolation

A method of increasing the number of pixels in an image after it is photographed. The pixels actually captured by the camera's sensor are rapidly analyzed by software that creates and adds new similar pixels to the photo file. Some Bushnell imaging optics provide user options for higher interpolated resolution settings.

Pixels and Megapixels

Pixels are the tiny squares of color – like dots on a newspaper photo or grains on a photographic print – that make up a digital image. The higher the pixel count, the higher the photographic resolution. A megapixel (MP) equals one million pixels.



Resolution and File Size

The number of pixels used to produce a digital photo is the primary factor that determines resolution, or ability to reproduce fine detail. More pixels equal higher resolution and a larger data file.

Storage Cards: Digital "Film"

These are small removable "flash" memory devices used to hold image data from a digital camera, reducing or eliminating the need for high-capacity internal memory. All Bushnell digital imaging optics have a slot for an SD (Secure Digital) card, the most common type currently used.

Sync Focus

Found in our ImageView® spotting scope, the Sync Focus feature is a parallel focus system that sharpens the digital image and the image through the scopes optics simultaneously. The synchronized light path also permits the user to switch between viewing through the camera's LCD and the scope's eyepiece.

USB Mass Storage

Cameras with USB mass storage don't need a driver for Windows XP or Vista. Connect the camera to your PC/Mac and it will be identified as a "Removable Disk," just as if it were an external hard drive. Your photo files are stored in a folder on this "disk," and can be copied or moved to the location of your choice or opened directly from the camera within your photo software.

Camera Settings

The "default" automatic setting on digital cameras works fine in most situations, but some cameras will also let the user override "auto" and adjust one or more of the following if necessary or preferred:

EV (Exposure Value): Also known as exposure compensation. Allows setting deliberate under or overexposure by a fine amount, such as "+1.5 EV" (one and a half steps overexposed).

ISO (Sensitivity): As with film, low ISO numbers (100–200) will produce the highest quality but require the most light. Higher ISO settings will allow photos in low light without flash, or faster shutter speeds to stop action, but with increasingly noticeable digital "noise."

White Balance: Auto white balance identifies a white reference point (wall, clouds, etc.) in a scene and applies overall color correction if needed, so whites retain a neutral appearance. If this produces poor results, presets for daylight, cloudy, tungsten and fluorescent lighting are often available.

Special Features

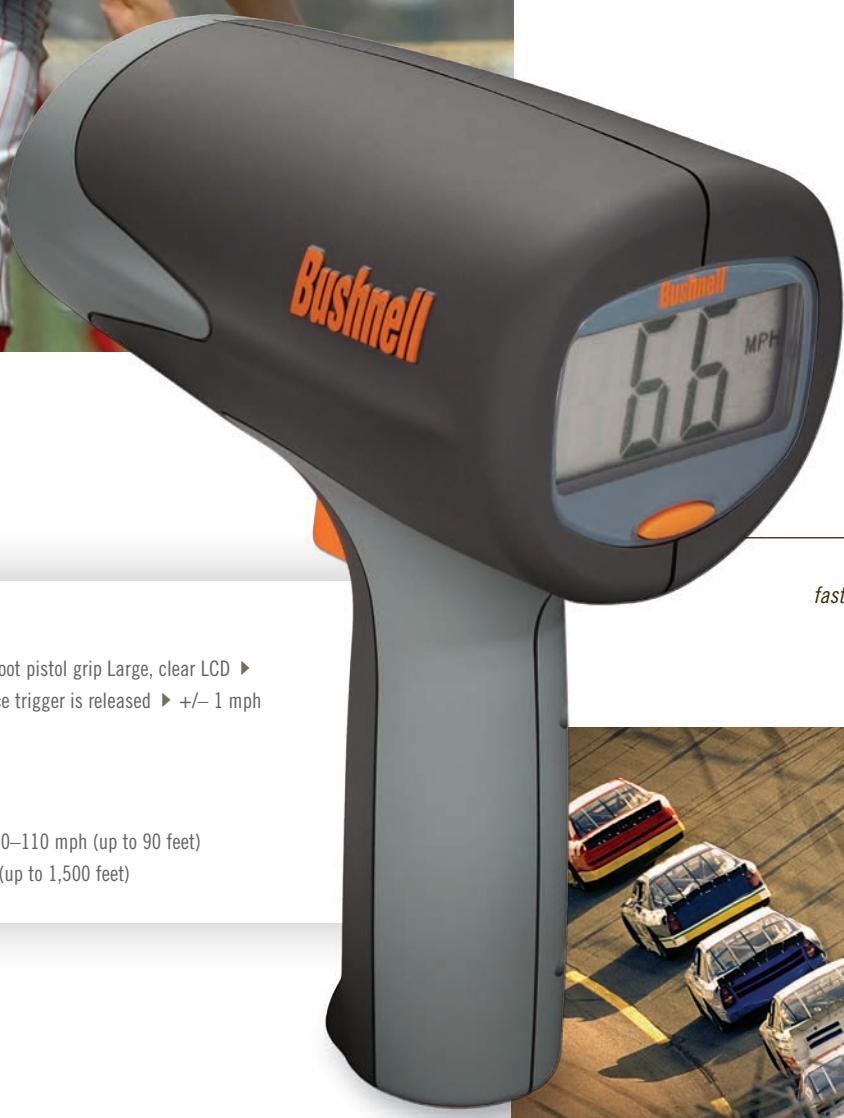
Sequential Shot: Shoots a quick burst of multiple frames (usually 3–5 in a row) to increase chances of capturing the action.

Movie Mode: Allows the camera to shoot and play back short video clips. These are usually stored in the common "avi" format and can be played on any computer with Windows Media Player, QuickTime or other software.



A CHANGEUP OF PERSPECTIVE.

Knowing how fast a player pitches or runs can instantly influence coaching decisions. And 15 over the limit doesn't seem so excessive when you find out what they're doing down on the track. The Bushnell® Velocity will tell you to ± 1.0 miles per hour using digital technology and DSP (digital signal processing). Measure the speed of a baseball from up to 90 feet, or a vehicle from as far as 1,500 feet.



Velocity
101911

Multi-purpose speed gun displays fastest speed once trigger is released on large, clear LCD display.

FEATURES

Easy-to-use, point-and-shoot pistol grip Large, clear LCD ▶ Displays fastest speed once trigger is released ▶ ± 1 mph accuracy

RANGES

Baseball/softball/tennis: 10–110 mph (up to 90 feet)
Auto racing: 10–200 mph (up to 1,500 feet)



MODEL	ACCURACY (MPH / KPH)	BASEBALL / SOFTBALL / TENNIS	AUTO RACING	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE
101911	± 1 / ± 2	10–110 mph / (90 feet away) 16–177 kph / (27 meters)	10–200 mph / (1500 feet) 16–322 kph / (457 meters)	4.3 x 8.4 x 6 / 109 x 213 x 152	19 / 539	C (2)