



Part Number  
**250-8950**  
iOS and Android Device  
Compatible DVR



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**From the cover...**

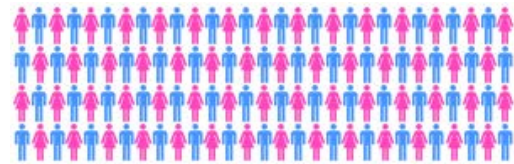
Our all-new 250-8950 dual-channel high-definition and mobile device capable DVR. See Page 45 to learn more...



# About Rostra Accessories

Rostra, an ISO 9001/TS 16949 Certified company, in addition to supplying OEM components to some of the world's largest auto and truck component manufacturers, is also North America's single largest supplier of cruise controls products to the automotive aftermarket. We are continuously pioneering the development and marketing of innovative automotive accessories. Backed by nearly 150 years of experience in precision manufacturing, we have earned our reputation as an ideal partner throughout the automotive industry.

## Fast Facts



At our Newark, NJ headquarters, Rostra currently maintains a staff of over 100 employees between our manufacturing and business development teams.



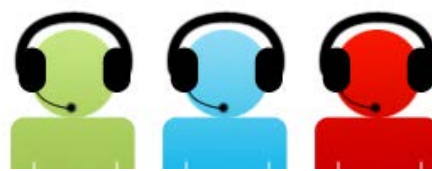
Our product validation facilities allow us to simulate extreme real-world conditions including tests for hot and cold temperatures, along with ingress protection (IP).



Our ability to scale production lines and add new products is largely due to our facility size. Our manufacturing plant measures over 80,000 square-feet.



Our shipping and receiving department is available for shipments Monday-Friday from 9:00 AM until 4:00 PM. Six loading docks allow for easy loading and unloading.



Maintaining on-site technical support means you get answers to complicated questions quickly and from technicians that helped develop the products you install.



Rapid prototyping allows us to create new products per customer specifications at an incredibly fast pace with very little delay between product design and shipping.

## Our Specialities

- Universal and vehicle-specific electronic cruise control systems.
- Vehicle rear obstacle sensing and parking assist systems.
- Universal backup camera systems with CCD or CMOS cameras.
- Comfort products including lumbar supports and seat heaters.
- Heavy and light duty truck LED lighting and turn signal switches.
- Add-on navigation and OE LCD screen interface systems.

## Design, Engineering, and Prototyping

Our innovative *Design and Engineering Department* works with virtually all phases of the manufacturing process, right up through customer technical support. This hands-on approach allows us to respond to the changing demands of the marketplace.

Our sophisticated *Prototype Department* has an expert staff, working with today's most advanced equipment. They can bring a product from concept into full reality in astonishingly little time.

We make sure that every single product undergoes the most rigorous durability testing. When a product passes our test, you can be sure it's the best. Our testing facilities include:

- Thermo-Shock Chamber
- Environmental Chamber
- Hydraulic and Air Tests
- Force Displacement
- Dust Chamber
- Salt Spray Chamber
- Vibration Analysis
- Life Cycle Testing

In addition to supplying U.S. customers from our New Jersey plant, we currently export to: Australia, Belgium, Brazil, Canada, China, Denmark, Finland, France, Germany, Holland, Israel, Japan, Korea, Malaysia, Mexico, New Zealand, Norway, South Africa, Sweden, Switzerland, Turkey and the United Kingdom.

# New Product - Trailer Connect Multi-Camera Towing Visibility Systems



Rostra Accessories is excited to announce the availability of all-new multi-camera integration systems for drivers that tow a trailer on a regular basis and long for added visibility behind, to the side of, in front of, and even inside of the trailer connected to the vehicle.

Now available for immediate purchase, Rostra's camera systems raise the bar in terms of build quality, affordability, and long-term dependability over currently-available competitive products. Have a look at these key features that distinguish Rostra from the rest of the industry:

## Product Features

### 8mm Reinforced Coil Cables

Others Use 4mm



### Thread-Sealed Weatherproof Connectors

Others Use Push-Together Friction Fittings

### Polished, Hardened Connection Points

Others Use Lightweight Molded Aluminum

### Heavy-Duty Copper Pins for Positive Contact



### Provision for One Camera with Audio Feed

Others Offer No Audio Capability In Their Harnesses





**250-8721-KIT** One-Camera Trailer Connection Kit with 5-Pin 2.5 Meter (8.2') Coil Harness and 10-Meter (33') Vehicle Harness



**250-8722-KIT** Two-Camera Trailer Connection Kit with 5-Pin 2.5 Meter (8.2') Coil Harness and 10-Meter (33') Vehicle Harness



**250-8723-KIT** Three-Camera Trailer Connection Kit with 7-Pin 2.5 Meter (8.2') Coil Harness and 10-Meter (33') Vehicle Harness



**250-8724-KIT** Four-Camera Trailer Connection Kit with 7-Pin 2.5 Meter (8.2') Coil Harness



## Trailer Connect Multi-Camera Towing Visibility Systems Continued...

### 250-8721-COIL4M

5-Pin 4 Meter (13.1') Coil Harness



### 250-8723-COIL4M

7-Pin 4 Meter (13.1') Coil Harness



## Trailer Camera Service Components

*Rostra Accessories* offers a complete line of service components so that fleet managers and vehicle owners can mix and match this equipment to meet their custom trailer camera needs.

### 250-8721-TRL



### 250-8721-TOW



### 250-8722-TRL



### 250-8722-TOW



### 250-8723-TRL



### 250-8723-TOW



### 250-8724-TRL



### 250-8724-TOW



## Trailer Camera Mounting Ideas

### Left blindspot camera

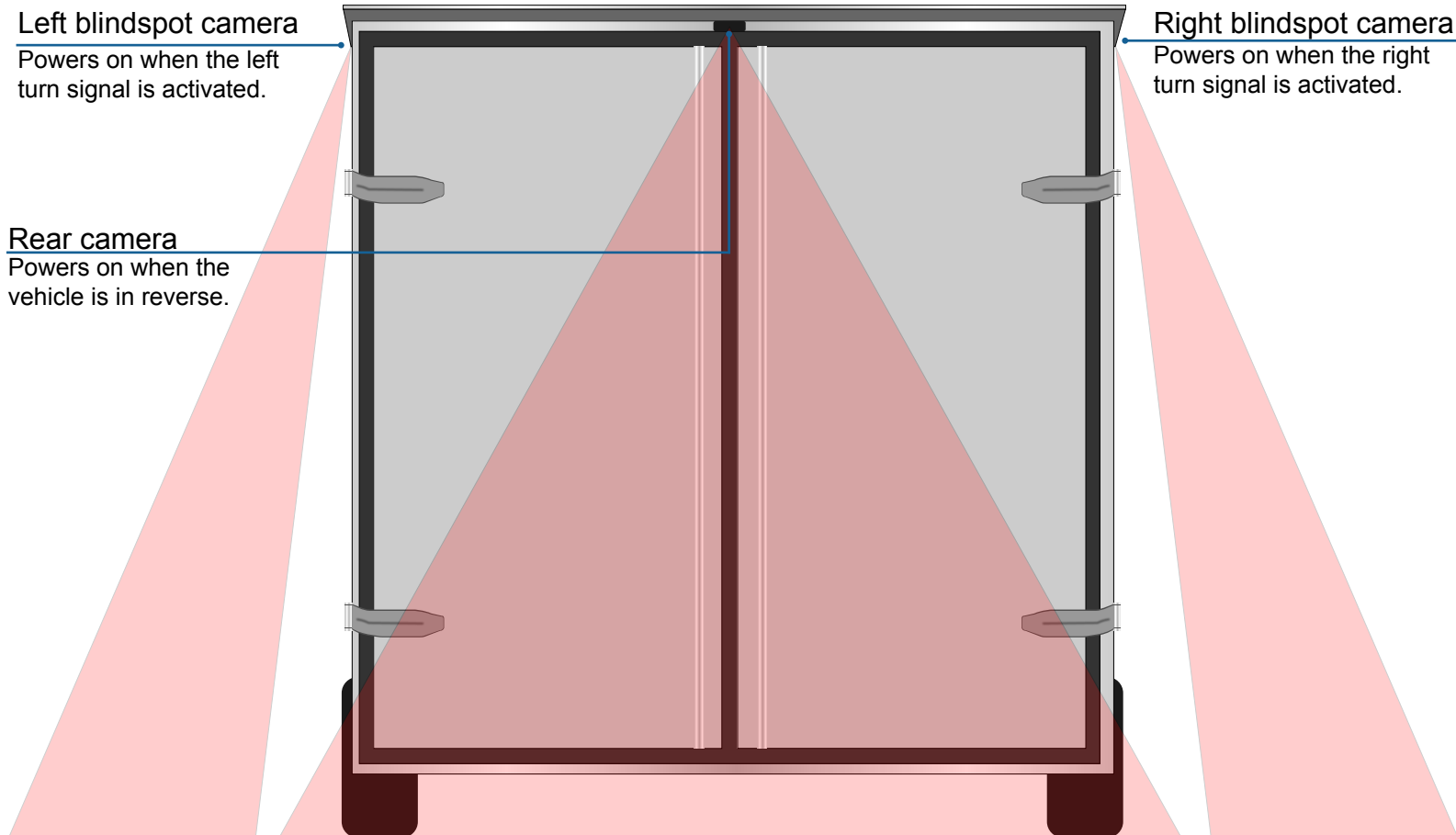
Powers on when the left turn signal is activated.

### Rear camera

Powers on when the vehicle is in reverse.

### Right blindspot camera

Powers on when the right turn signal is activated.





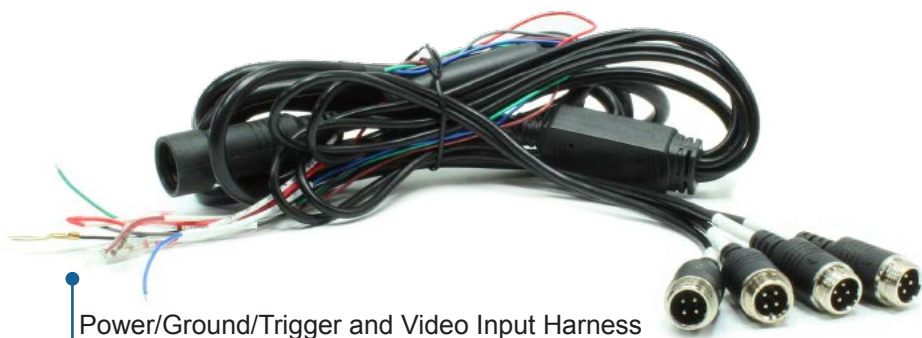


## Specifications

**Screen Size:** 9 Inches  
**Aspect Ratio:** 16:9  
**Luminance:** 250cd/m<sup>2</sup>  
**Resolution:** 800x480  
**Audio:** 1 Audio Input  
**Built-In Speaker:** Yes

**Video:** 4 Video Inputs  
**Video System:** PAL/NTSC  
**Bracket:** 1 U-Type Bracket Included  
**Sunshade:** Included/Removable  
**Operating Voltage:** 12-24 VDC  
**Modes:** Full, 2 Split, 3 Split, 4 Split

**System Language:** English, French, Spanish, Dutch, Portuguese, Italian, Turkish, Chinese  
**OSD Menu:** Selects Picture, Volume, Mirror Image, Language, Delay



Power/Ground/Trigger and Video Input Harness



4-Pin to RCA Adapter Harness

## New Product - General Motors IOB Multi-Camera Interface

Part Number **250-8454**

For 2016+ General Motors vehicles equipped with factory-installed 7" LCD screens. This all-new video interface allows for the installation of multiple cameras around the vehicle providing unparalleled safety through added driver awareness. Covering a wide variety of the most popular GM trucks and cars equipped with the **IOB** trim level including the Chevrolet Silverado and Colorado, as well as the GMC Sierra and Canyon, camera options include rearview, sideview/blindspot, forward-facing, cargo/trailer and any other camera mounting location that you choose! As well, drivers can connect their mobile phone to the included HDMI input and instantly share their HDMI-compatible phone's screen to the dashboard of their vehicle.



## New Product - 4-Pin S-Video to 4-Pin HD Connector Harness

Part Number **250-8183-CBL**

Converts a 4-pin S-video connector to our new heavy-duty thread-together connector



4-Pin S-Video Connector

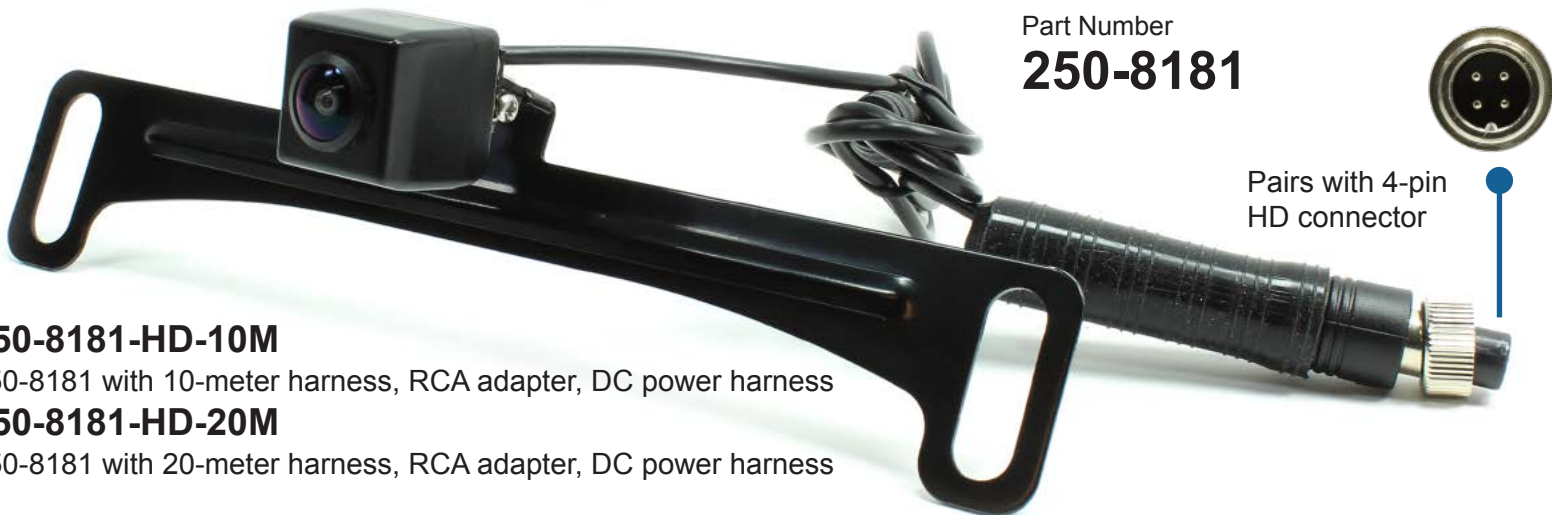


4-Pin HD Connector





New Product - FMVSS 111 Compliant 180-Degree Cameras



Part Number  
**250-8181**

Pairs with 4-pin  
HD connector



**250-8181-HD-10M**

250-8181 with 10-meter harness, RCA adapter, DC power harness

**250-8181-HD-20M**

250-8181 with 20-meter harness, RCA adapter, DC power harness



Part Number  
**250-8182**

Pairs with 4-pin  
HD connector



**250-8182-HD-10M**

250-8182 with 10-meter harness, RCA adapter, DC power harness

**250-8182-HD-20M**

250-8182 with 20-meter harness, RCA adapter, DC power harness

- ✓ 1/3" 1280x720 HD CMOS Imager
- ✓ 180 Degree Viewing Angle
- ✓ Reversible Image
- ✓ Selectable Parking Lines
- ✓ Surface Mount or LPB Bracket
- ✓ Operating Voltage: 9-16 VDC
- ✓ Minimum Illumination: <0.2Lux
- ✓ Operating Temp: -20°C - 70°C
- ✓ Current Draw: Max - 80mA
- ✓ IP68 and Vibration Tested

**FMVSS 111 Compliance**

**250-8180** - 24" to 48"

**250-8181** - 12" to 84"

**250-8182** - 12" to 84"

New Product - Flush-Mount 18mm 180-Degree Camera

Part Number  
**250-8180**



## New Product - General 180-Degree Digitally-Correct Flush-Mount Camera

A replacement for our previous 250-8083 series cameras, the **250-8184** series, available for immediate shipment, require a discrete 22mm hole be drilled in any flat surface of the vehicle after which the camera simply snaps securely into place. Parking grid lines are standard but can be deactivated by cutting a small loop cable on the camera's harness.

### Product Line Features

High Resolution 700TVL Camera - 976 x 592  
180-Degree Digitally Corrected Image  
18" Lead with 4-Pin HD Connector

All-Aluminum Housing  
FMVSS 111 Compliant  
Horizontal Reversible Image

### Video Image Correction

Corrected Image of 250-8184-HD



Standard Image



### Product Photos

**250-8184-HD** Replaces 250-8083-HD



**250-8184-HD-10M**

**250-8184-HD-20M**





## New Product - FMVSS 111 Compliant 180-Degree Cameras

Now available, part number **250-8185** is designed for use on side-mounted applications but is versatile enough to adapt to mounting in almost any orientation and includes brackets for use with 1" to 1.5" diameter side mirror arms. Combined with its 120-degree viewing angle, the camera's ability to both swivel 360-degrees around in its housing as well as up, down, left and right to adjust the vertical and horizontal view, this camera is the ideal solution for fleet managers to use across their entire line of vehicles.

### Product Features

**Sensor:** 1/3" Sony CCD

**Resolution:** 700 TVL 976x582

**TV System:** NTSC

**Illumination:** 0 LUX with IR Assist

**View Angle:** 120-Degree

**Image:** Mirror View

**Housing:** Aluminum

**IP Rating:** IP67/IP68

**Shock Proof:** 4G

**Operating Voltage:** 12 VDC

**Connector:** 4-Pin Aviation

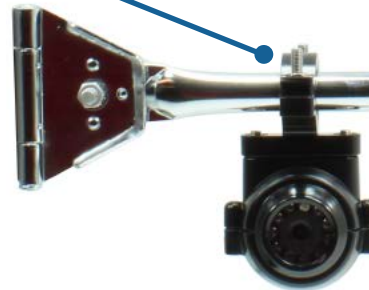
**Cable/Pigtail Length:** 16"

**Operating Temperature:** -30°C to 70°C

**Storage Temperature:** -45°C to 85°C



The **250-8185** camera includes a bracket for use with 1" to 1.5" diameter side mirror arms. The bracket and its included hardware conveniently wrap around and then tighten down to the mirror arm for a stable, secure attachment point. The included rubber pads sandwich between the bracket itself and the mirror arm providing both shock absorption and preventing metal-to-metal contact between the camera and the polished or painted surface of the mirror arm.



### Product Photos



## New Product - LED Work Lamp/Camera Combination

Now available for shipment, our all-new **250-8170** and **250-8171** series of high-power LED flood beam work lamps include a high-resolution CMOS color camera and an array of eight 3-watt LEDs to provide clear visibility in the darkest environments. With their horizontal image rotation capability, these work lamp/camera combos can be utilized in a number of different positions and orientations. Our LED work lamp/camera devices are available with or without LCD monitors and since the LED lamp is powered separately from the camera, these units can serve as a standalone lighting solution, too!

### Product Photos and Descriptions



### Features

- ✓ Sensor: 1/3" CMOS
- ✓ Effective Pixels: 976(H) x 592(V)
- ✓ Resolution: 700 TVL
- ✓ Viewing Angle: 140°
- ✓ Minimum Illumination: 0 Lux
- ✓ Dustproof/Weatherproof: IP69
- ✓ Operating Voltage: 12 VDC
- ✓ Operating Temperature: -20°C - 70°C
- ✓ Connector: 4-Pin Thread-Together
- ✓ LED: 3-Watt x 8 (24-Watt Total)
- ✓ Lumen Output: 1154
- ✓ LED Color Temp: 6000K
- ✓ Beam Pattern: Flood
- ✓ Mounting Hardware Included

Part Number  
**250-8170HD**

Part Number **250-8170-HD-10M**  
250-8170HD Camera with 10 Meter Harness

Part Number **250-8170-HD-20M**  
250-8170HD Camera with 20 Meter Harness



Part Number **250-8220-RUL**  
\* 7" monitor includes pedestal stand



Part Number **250-8221-RUL**  
\* 7" monitor includes stem mount







**Features**

- ✓ Sensor: 1/3" CMOS
- ✓ Effective Pixels: 976(H) x 592(V)
- ✓ Resolution: 700 TVL
- ✓ Viewing Angle: 140°
- ✓ Minimum Illumination: 0 Lux
- ✓ Dustproof/Weatherproof: IP69
- ✓ Operating Voltage: 12 VDC
- ✓ Operating Temperature: -20°C - 70°C
- ✓ Connector: 4-Pin Thread-Together
- ✓ LED: 3-Watt x 8 (24-Watt Total)
- ✓ Lumen Output: 1154
- ✓ LED Color Temp: 6000K
- ✓ Beam Pattern: Flood
- ✓ Mounting Hardware Included

**Part Number**  
250-8171HD

**Part Number 250-8171-HD-10M**  
250-8171HD Camera with 10 Meter Harness

**Part Number 250-8171-HD-20M**  
250-8171HD Camera with 20 Meter Harness



**Part Number 250-8220-SUL**  
\* 7" monitor includes pedestal stand

**Part Number 250-8221-SUL**  
\* 7" monitor includes stem mount





## New Product - LED Work Lamp/Camera Combination

Rostra Accessories is pleased to introduce an innovative new way of attaching our recently-released combination LED work lamp cameras to your vehicle. Available for immediate shipment, Rostra part number **250-8170-MAG** is a 3.5" rubber-coated disk which incorporates 12 powerful magnets into its base to temporarily or permanently attach an LED lamp or other hinge-mount camera to a metal body panel.



### Product Photos





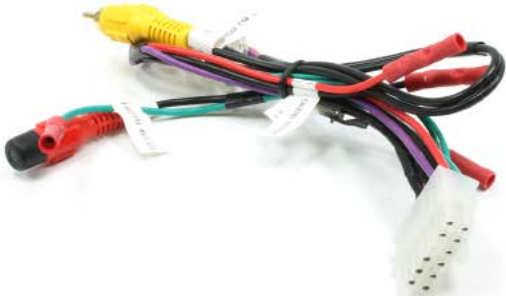
OE LCD Screen Video Interface Modules *Bring Your Own Camera (BYOC)*



Chrysler/Dodge

**250-8418-MOD** All applications require 5" or 8.4" display (RA2/RA3/RA4)

- |                            |                         |                               |                       |
|----------------------------|-------------------------|-------------------------------|-----------------------|
| 2015-2018 Chrysler 200     | 2015-2018 Dodge Charger | 2014-2018 Jeep Grand Cherokee | 2013-2018 Dodge Viper |
| 2015-2018 Chrysler 300     | 2014-2015 Jeep Cherokee | 2017-2018 Chrysler Pacifica   |                       |
| 2015-2018 Dodge Challenger | 2014-2018 Dodge Durango | 2013-2018 Dodge/RAM Trucks    |                       |



Ford/Lincoln 4" Screen

**250-8419-MOD**

All applications require 4" display

- |                           |                        |                |                                |
|---------------------------|------------------------|----------------|--------------------------------|
| 2013-2017 Ford C-Max      | 2013-2017 Ford Flex    | 2013-2017 F150 | 2013-2017 Ford Taurus          |
| 2011-2017 Ford Edge       | 2012-2017 Ford Focus   | 2017 Ford F250 | 2014-2017 Ford Transit         |
| 2013-2017 Ford Escape     | 2013-2017 Ford Fusion  | 2017 Ford F350 | 2014-2017 Ford Transit Connect |
| 2015-2017 Ford Expedition | 2015-2017 Ford Mustang | 2017 Ford F450 |                                |
| 2011-2017 Ford Explorer   |                        | 2017 Ford F550 |                                |



Ford/Lincoln 8" Screen

**250-8420-MOD**

**Note:** 250-8420 video interface only for use on vehicles with factory-installed rear camera and allows for single auxiliary camera input. Applications require 8" display & factory camera

- |                      |                  |                           |               |
|----------------------|------------------|---------------------------|---------------|
| 2013-2018 C-Max      | 2013-2019 F250   | 2012-2018 Focus           | 2013-2018 MKS |
| 2011-2018 Edge       | 2013-2019 F350   | 2013-2018 Fusion          | 2013-2018 MKT |
| 2013-2018 Escape     | 2013-2018 F450   | 2015-2018 Mustang         | 2013-2018 MKZ |
| 2015-2018 Expedition | 2013-2018 F550   | 2013-2018 Taurus          | 2011-2018 MKX |
| 2011-2018 Explorer   | 2014-2018 Fiesta | 2014-2018 Transit         |               |
| 2013-2018 F150       | 2013-2018 Flex   | 2014-2018 Transit Connect |               |

2014-2018 Mercedes Sprinter camera system

Part Number  
**250-8424SPT**

- OBDII Programmer
- Enables camera retrofit
- On-demand option.
- Includes RCA to FAKRA adapter



2016-2017 Mercedes Metris camera system  
Part Number

**250-8425MET**

- Plug-and-play camera programmer
- Includes FAKRA to RCA adapter to plug camera into factory input



## Multi-Camera Video Interface Systems for OE LCD Screens

The most extensible camera interface and mobile phone screen sharing devices on the market for General Motors and Ford vehicles equipped with factory-installed 8" LCD screens are now available and only from Rostra! These all-new video interfaces allow for the installation of multiple cameras around the vehicle providing unparalleled safety through added driver awareness. Covering a wide variety of the most popular Ford and GM trucks and cars, camera options include rearview, sideview/blindspot, forward-facing, cargo/trailer and any other camera mounting location that you choose! As well, drivers can connect their mobile phone to the included HDMI input and instantly share their phone's screen to the dashboard of their vehicle.

**GM NOTE:** Requires vehicle be equipped with Radio / HMI module combination (RPO Code IO5 & IO6). Vehicles with one-piece radio systems are not applicable.  
**Ford NOTE:** Requires vehicle be equipped with SYNC3 system.

### Part Numbers and Vehicle Applications

#### Chevrolet (Part # 250-8450)

2014-2016 Colorado  
2014-2018 Impala  
2014-2018 Silverado 1500  
2014-2018 Silverado 2500  
2014-2018 Silverado 3500

2014-2018 Suburban  
2014-2018 Tahoe  
2016 -2018 Volt

#### GMC (Part # 250-8451)

2017-2018 Acadia  
2014-2016 Canyon  
2014-2018 Sierra 1500  
2014-2018 Sierra 2500  
2014-2018 Sierra 3500  
2017-2018 Sierra Denali  
2015-2018 Yukon  
2015-2018 Yukon Denali  
2015-2018 Yukon Denali XL

#### Ford (Part # 250-8452)

For SYNC 3 system v. 2.1 or lower\*

\* Visit [rostra.com](http://rostra.com) for a complete vehicle list

#### Ford (Part # 250-8453)

For SYNC 3 system v. 2.2 or lower\*

#### Ford (Part # 250-8455)

For any SYNC 3 version\*

### Product Features

- Completely plug and play with the factory entertainment system. Module installation takes less than 30 minutes.
- Allows connection of four cameras to the factory screen in addition to the OEM backup camera.
- Allows monitoring of any connected camera at any time while driving (not including OEM backup camera).
- Right and Left Blind spot camera inputs automatically triggered by the turn signals.
- Included HDMI video input allows mobile phone screen mirroring to the in-dash monitor.
- Included USB port charges your mobile devices when connected.
- Easy to use menus in the factory UI with operational choices such as English, French, or Spanish language.

### Product Photos



Pictured - Part Number 250-8450





**Speed-Controlled Forward Camera**

A front-facing camera can be triggered to power on automatically when the vehicle is in motion at less than 10 MPH or manually with a long press of the **BACK** button on the face of the radio.



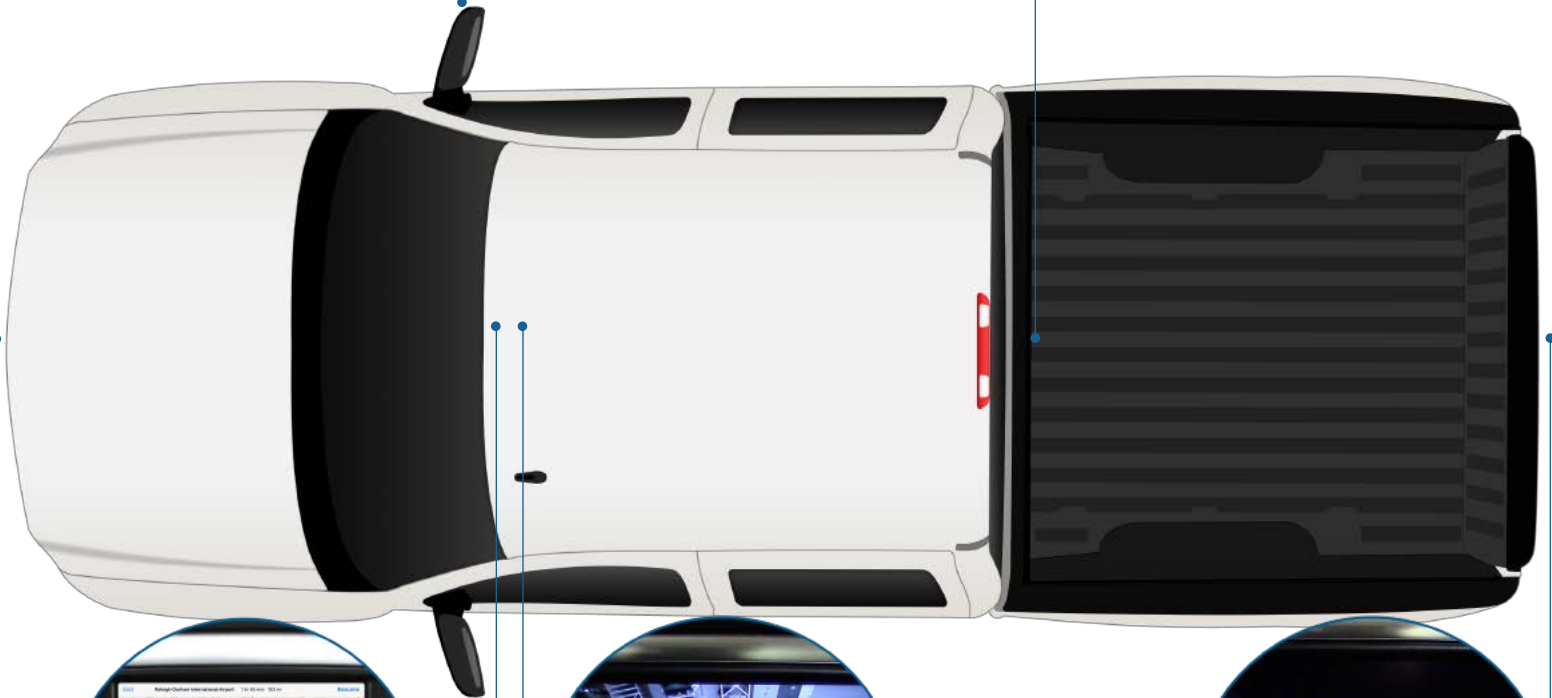
**Turn Signal-Activated Side-View Cameras**

Side-view cameras integrated into the vehicle's mirrors can easily display video from the vehicle's blindspots when the left or right turn signals are active. Blindspot cameras can also be powered on manually via the touch screen's **Camera** icon.



**Reverse-Triggered Bed-View Camera**

Real-time monitoring of the bed or cargo area of the vehicle can be achieved using the selectable reverse camera option to display video while on the road or when the vehicle is placed in reverse - an ideal solution for fifth-wheel trailer connectivity.



**Mobile Device Screen Sharing**

The included HDMI input allows mirroring of an Android™ or iOS™ device's screen directly to the dash of the vehicle while the USB port provides charging of the device when connected. Audio from the device streams via the vehicle's Bluetooth system providing an OE feel.



**Factory Information Control Overlay**

The Rostra GM and Ford video interfaces are a unique in that feedback for the factory infotainment system like radio volume and A/C controls are available on-screen even when video from a camera or mobile device is active further adding to the OE-style of integration.



**Rear-View Camera Video Input**

The device's rear camera input can be used to add an aftermarket backup camera to vehicles without an existing camera or to display video from a factory-installed camera. Drivers can easily alternate the function of shifting the vehicle into reverse to display a Bed/Cargo Area or rear-view camera in the factory-style *Settings* menu.

Android is a registered trademark of Google, Inc. | iOS is a registered trademark of Apple, Inc.

## RearSight® LCD Mirror/Monitors

At Rostra, we are proud to introduce the following innovative video mirror/monitor systems to our RearSight® line of backup camera systems:

### Part Number **250-8208** 4.3" LCD Mirror/Monitor (Two Video-In)



#### Manual Dimming Tab

Rotate the tab upwards to reduce headlight glare

Featuring the same functionality that our customers have come to expect from the previous version of this mirror, this update increases the usability of this item by adding the following:

- Manual-dimming for nighttime driving.
- Quick-Touch Front/AUX camera view with auto-off \*.
- Includes standard lug mount and Hyundai/Kia adapter.
- Adjustable parking grid lines.
- Remote control for accessing built-in functionality.
- Dual RCA video inputs with individual triggers.
- 9-foot video cable provides easier connectivity.

\* Exclusive Rostra feature.

### Part Number **250-8273** 7.3" LCD Mirror/Monitor (Three Video-In)



- 7.3" wide screen monitor (1280 x 390 resolution)
- Anti-glare coated glass reduces light reflection
- Built-in touch screen controls for accessing cameras
- Right and Left blindspot camera inputs
- Full or split view screen options available
- Camera inputs automatically or manually triggered
- Remote control for configuring parking grid lines
- Includes full-color Install and Owner's Manuals
- LCD brightness adjusts to external environment
- Mirror stem includes universal lug base
- Hyundai/Kia windshield lug adapters included
- 9' harness for easy connections below dashboard
- TFT-LCD screen with 1000cd/m<sup>2</sup> brightness
- 10-16VDC operating voltage
- -20°C - +65°C working temperature
- PAL/NTSC Compatible with Video Auto-Select



## Part Number **250-8243** 4.3" LCD Mirror/Monitor (Four Video-In)

Features manual dimming tab and triggers to process up to four video sources (reverse, front, left and right blindspot cameras, for example) on its 4.3" LCD display.



### Manual Dimming Tab

Rotate the tab upwards to reduce headlight glare

- 4.3" TFT LCD display with auto-dimming LCD panel
  - 16:9 Aspect Ratio
  - 480 x 272 Resolution
  - 1000 Cd/m<sup>2</sup> LCD Brightness (with user adjustable dimming)
  - NTSC/PAL/AUTO Video compatibility
  - 12V DC Power supply / 3.6W (working)
  - 9-foot Video cable for easier connectivity
  - Four RCA video inputs with individual triggers built-in for each source including Left and Right blindspot cameras
  - Quick-Touch Front/AUX camera view with auto-off after 20 seconds \*
  - Manual mirror dimming for nighttime driving
  - Adjustable parking grid lines via supplied remote control
- \* Exclusive Rostra feature

## Part Number **250-8240** 4.3" LCD Mirror/Monitor (Two Video-In)



- 4.3" TFT LCD display with auto-dimming LCD panel
- 16:9 Aspect Ratio
- 480 x 272 Resolution
- 1000 Cd/m<sup>2</sup> LCD Brightness (with user adjustable dimming)
- NTSC/PAL/AUTO Video compatibility
- Dual RCA Video Inputs with individual triggers
- Quick-Touch ON/OFF Front/AUX camera control
- Tinted anti-glare glass
- 12V DC Power supply / 3.6W (working)
- 9-foot Video cable for easier connectivity

## Part Number **250-8820** 4.3" LCD Mirror/Monitor (Two Video-In)



Auto-dimming mirror glass

## Part Number **250-8821** 4.3" LCD Mirror/Monitor (Two Video-In, Comp/Temp)



Auto-dimming mirror glass

## Kit Contents



## Features

- OnStar™ access through built-in buttons
- 4.3" TFT auto-dimming LCD display
- 16:9 aspect ratio
- 480 x 272 resolution
- 1000 Cd/m<sup>2</sup> LCD Brightness
- Auto-dimming mirror glass**
- NTSC/PAL/AUTO Video compatibility
- Dual RCA video inputs
- 9-foot cable for easier installation
- Adjust parking grid lines with remote
- Includes 16-to-10 pin adapter harness
- Includes temperature sensor \*
- Includes custom stem shrouds

\* Applies to 250-8821 only.

Pictured: 250-8821



## Part Number 250-8830 4.3" LCD Mirror/Monitor (Two Video-In)



Auto-dimming mirror glass

## Part Number 250-8831 4.3" LCD Mirror/Monitor (Two Video-In, Comp/Temp)



Auto-dimming mirror glass

## Kit Contents



## Features

- 4.3" TFT auto-dimming LCD display
- 16:9 aspect ratio
- 480 x 272 resolution
- 1000 Cd/m<sup>2</sup> LCD Brightness
- Auto-dimming mirror glass**
- NTSC/PAL/AUTO Video compatibility
- Dual RCA video inputs
- 9-foot cable for easier installation
- Adjust parking grid lines with remote
- Includes temperature sensor \*
- Includes custom stem shrouds
- \* Applies to 250-8831 only.

## Quick-Touch Power Button (available with mirrors 250-8208, 250-8240, and 250-8243)

The face of the 250-8208 RearSight® mirrors include a power button that controls different functions when the mirror is powered on depending on how it is pressed by the driver.

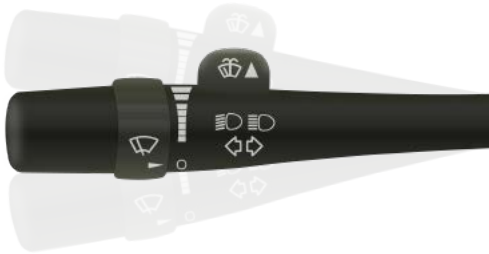


When in reverse, a quick press of the power button will manually increase the overall brightness of the built-in LCD screen. Once maximum brightness has been reached, the brightness will reset.



When the vehicle is not in reverse, the power button can be held for two seconds to display video from an auxiliary camera such as a forward-facing or blindspot unit.

## Turn Signal Activated Side-View/Blindspot Video Display (available with mirrors 250-8273 and 250-8243)



While the rear-facing video input of the 250-8273 mirror/monitor provides drivers with peace-of-mind when maneuvering their vehicle in reverse, the mirror includes options for both *Left* and *Right* video displays which can be triggered automatically by the vehicle's turn signal switch or activated manually as-needed by the driver using the on-screen **CH** button. With Rostra's 250-8273, no external relays are required to activate these inputs.



## Auto-Dimming LCD Screen (available with mirrors 250-8208, 250-8240, 250-8243, and 250-8273)

The mirror's built-in photo sensor automatically dims the LCD screen in low light conditions to ease strain on the driver's eyes while increasing illumination of the LCD during the day to make the screen easier to see in daylight.



Built-in photo sensor detects light and adjusts LCD for maximum viewing comfort



### Part Number - 250-8208-TL 4.3" Tri-Lobe LCD Mirror/Monitor

For use on Chrysler/Ford vehicles with twist-off tri-lobe windshield/rearview mirror mount. Same features as 250-8208.



Tri-Lobe Base Mount

### Nissan NV200 and Chevrolet City Express Custom Mirror

#### Part Number - 250-8208-NIS 4.3" LCD Mirror/Monitor

Same features as 250-8208.



Custom Stem Mount

#### Custom Stem Mount Screws

Allows installers to add a rearview mirror to vans that were not equipped with a factory rearview mirror



### RearSight Accessories and Upgrade Components

#### Part Number - 250-8822



Replace faulty OE GM/OnStar mirrors with newer RearSight mirrors. Plug-and-play installation.

#### Part Number - 250-8151



Microphone relocation kit. For use when microphone-equipped OE mirror is removed but microphone functionality is still needed.



Part Number

## 250-8212

### Monitor Specifications

7-inch LCD monitor  
800 x 480 resolution  
Matte finish reduces glare  
Three video inputs

Auto day/night dimming  
Adjustable brightness/contrast  
Built-in speakers for audio  
Includes pedestal mount



Part Number

## 250-8214

### Monitor Specifications

7-inch LCD monitor  
800 x 480 resolution  
Matte finish reduces glare  
Three video inputs

Auto day/night dimming  
Adjustable brightness/contrast  
Built-in speakers for audio  
Includes stem mount



Part Number

## 250-8220

### Monitor Specifications

7-inch LCD monitor  
800 x 480 resolution  
Matte finish reduces glare  
Dual video inputs

7-inch LCD monitor  
800 x 480 resolution  
Matte finish reduces glare  
Includes pedestal mount



Part Number

## 250-8221

### Monitor Specifications

7-inch LCD monitor  
800 x 480 resolution  
Matte finish reduces glare  
Dual video inputs

7-inch LCD monitor  
800 x 480 resolution  
Matte finish reduces glare  
Includes stem mount



## Part Number - 250-8215-IR

250-8215 Wireless Monitor with 250-8153 Wireless Camera



## 3rd Brake Light Integrated Infrared Cameras

3rd brake light cameras provide some of the most popular fleet vehicles in the automotive industry with an innovative way of overcoming their notorious blindspots. Now available for Dodge and Mercedes Sprinter vans, Chevrolet Express and GMC Savana vans, the Nissan NV, and new Ram ProMaster, Rostra's line of 3rd brake light cameras add the safety benefits of a rear vision system while retaining the original brake lamp functionality. View full specifications by visiting us online at [rostra.com](http://rostra.com).

**250-8162**

2007-2018 Dodge/Mercedes Sprinter



**250-8155**

2013+ Nissan NV200 and Chevrolet City Express  
Third brake lamp adapter with integrated CMOS  
camera (integrates with factory third brake lamp lens).



250-8155 Installed

At Rostra Accessories, we are pleased to announce the availability of our all-new dual-camera blindspot vision system, part number **250-8160-BSC**. The low-profile CMOS color cameras included with this system blend neatly into the underside of the vehicle's sideview mirrors and provide drivers with an unparalleled view of the obstructed areas typical to the reduced line-of-sight most modern vehicles.

## Specifications

Two 1/4" CMOS color cameras  
756 x 504 (600 TVL) resolution  
150-degree viewing angle

Front view option  
Selectable grid lines  
.2 Lux minimum illumination

6V-16V operating voltage  
-20°C to 70°C operating temp  
IP67 weatherproof

## Product Photos





Part Number **250-8199**



The **250-8199** replaces the popular 250-8092 license plate bracket camera and is adaptable to an even larger variety of vehicles thanks to included hinge and tab style mounting brackets. The new camera boasts superior image quality and the addition of an integral microphone for use with speaker-equipped monitors. Ten selectable parking grid line options enable owners to configure this versatile camera for a wide range of passenger car, light truck and commercial vehicles.

Product Specifications

1/3" CMOS Camera	Selectable Parking Gridlines	16.4' (5m) Video Cable with RCA Plugs
480 Lines Horizontal Resolution	Built-in Microphone	IP 68 Ingress Protection
160° Wide Angle View	License Plate, Hinge and Tab Mounts	-30° to 85° C Operating Range
Normal / Reverse Image	Adjustable Vertical Camera Angle	6V to 16V Operating Voltage
0.1 Lux Minimum Illumination	Anti-theft Camera Mounting Hardware	<b>Available with HD 4-pin connector</b>

On-Screen Parking Grid Line Options



Complete Installation Components





**250-8098-HD**

**Camera Specifications**

1/4" CCD color camera	Includes RCA adapters
0 Lux light sensitivity	Mounting hardware included
10-LED infrared ring	<b>250-8098-10M</b> (33' harness)
Versatile mounting options	<b>250-8098-20M</b> (66' harness)



**250-8143**

**Camera Specifications**

1/3-inch CMOS color camera	Includes RCA adapters
0 Lux light sensitivity	Mounting hardware included
24-LED infrared ring	<b>250-8143-10M</b> (33' harness)
Versatile mounting options	<b>250-8143-20M</b> (66' harness)

**250-8147-HD**



**Camera Specifications**

1/4-inch CMOS camera	Selectable parking grid lines
150-degree view	Waterproof case/anti-fog lens.
.5 Lux light sensitivity	Includes all mounting hardware
4-pin weatherproof plug	<b>250-8147-HD-10M</b> (33' harness)
Lip or tailgate mountable	<b>250-8147-HD-20M</b> (66' harness)

**250-8148**



**Camera Specifications**

1/4-inch CMOS camera	Selectable parking grid lines
170-degree view	Waterproof case/anti-fog lens.
.5 Lux light sensitivity	Includes all mounting hardware
4-pin weatherproof plug	<b>250-8148-10M</b> (33' harness)
Built-in third brake lamp	<b>250-8148-20M</b> (66' harness)



**250-8149**

**Camera Specifications**

1/4-inch CCD camera	Selectable parking grid lines
120-degree view	Hinge mount with lense cover
.1 Lux light sensitivity	Includes all mounting hardware
4-pin weatherproof plug	<b>250-8149-10M</b> (33' harness)
420 TVL resolution	<b>250-8149-20M</b> (66' harness)



**250-8150**

**Camera Specifications**

1/4-inch CCD camera	Selectable parking grid lines
120-degree view	Hinge mount with lense cover
.1 Lux light sensitivity	Includes all mounting hardware
4-pin weatherproof plug	<b>250-8149-10M</b> (33' harness)
420 TVL resolution	<b>250-8149-20M</b> (66' harness)



### 250-8181-HD



#### Camera Specifications

1/3" CMOS color camera	Horizontal image rotation
HD 1280x720 resolution	Selectable parking grid lines
License plate-mount bracket	12"-84" FMVSS 111 compliant
180-degree viewing angle	Exceeds DOT TP-111V-01
12" pigtail harness	IP68 and vibration tested
<b>250-8181-10M</b> (33' harness)	<b>250-8181-20M</b> (66' harness)

### 250-8182-HD



#### Camera Specifications

1/3" CMOS color camera	Horizontal image rotation
HD 1280x720 resolution	Selectable parking grid lines
Hinge-mount bracket	12"-84" FMVSS 111 compliant
180-degree viewing angle	Exceeds DOT TP-111V-01
12" pigtail harness	IP68 and vibration tested
<b>250-8182-10M</b> (33' harness)	<b>250-8182-20M</b> (66' harness)

### 250-8183-HD



#### Camera Specifications

1/3" CMOS color camera	Horizontal image rotation
HD 976x592 resolution	Selectable parking grid lines
Drill-in flush-mount design	12"-84" FMVSS 111 compliant
180-degree viewing angle	Exceeds DOT TP-111V-01
12" pigtail harness	IP68 and vibration tested
<b>250-8183-10M</b> (33' harness)	<b>250-8183-20M</b> (66' harness)

### 250-8184-HD



Digitally-corrected image

#### Camera Specifications

1/3" CMOS color camera	Horizontal image rotation
HD 976x592 resolution	Selectable parking grid lines
Drill-in flush-mount design	12"-84" FMVSS 111 compliant
180-degree viewing angle	Exceeds DOT TP-111V-01
12" pigtail harness	IP68 and vibration tested
<b>250-8184-10M</b> (33' harness)	<b>250-8184-20M</b> (66' harness)

### 250-8199-HD



#### Camera Specifications

1/4" CMOS color camera	Selectable parking grid lines
License plate-mount	9 grid line options
160-degree viewing angle	Waterproof case/anti-fog lens
32" pigtail harness	Mounting hardware included
<b>250-8199-HD-10M</b> (33' harness)	<b>250-8199-HD-20M</b> (66' harness)

### 250-8199-TABHD



#### Camera Specifications

1/4" CMOS color camera	Selectable parking grid lines
License plate-mount	9 grid line options
160-degree viewing angle	Waterproof case/anti-fog lens
32" pigtail harness	Mounting hardware included
<b>250-8199-TABHD-10M</b> (33' harness)	<b>250-8199-TABHD-20M</b> (66' harness)

## RearSight® Tailgate-Handle Integrated Backup Cameras

Rostra's newly-updated line of tailgate handle integrated color cameras provides a unique way of adding a backup camera system to many of the most popular light-duty trucks on the road today. Every RearSight® tailgate handle camera is custom molded to be a direct replacement to the factory handle and comes equipped with an advanced *CMOS III* camera/sensor that includes selectable parking grid lines that have been accurately measured to match the grid lines available from the OE component. Likewise, each RearSight® tailgate handle camera includes a 30-foot vehicle extension harness, 4-pin thread-together/weatherproof connector, convoluted tubing protective wire loom, and RCA video output connector to supply video to any RCA-equipped video monitor.

As always, every tailgate handle camera offered by Rostra includes our industry-leading 3-year/36,000 mile warranty.

### RearSight® Tailgate Handle Camera Specifications (applies to all)

<b>Image Sensor</b>	<b>Viewing Angle</b>	<b>3-Element Lens Construction</b>
Advanced CMOS III	Diagonal 168°/Horizontal 130°/Vertical 100°	IR Filter with Scratch Protection Coating
<b>Resolution</b>	<b>Parking Grid Lines</b>	Anti-Fog Coating
640 x 480	Matching OEM Design, Selectable On/Off	IR Protective Coating
<b>Waterproofing</b>	<b>Video System</b>	<b>Working Temperature / Storage Temperature</b>
IP 67 Rated	NTSC, Full Color Output	-20°C - +70°C / -40°C - +85°C
<b>Operating Voltage</b>	<b>Minimum Illumination</b>	
6V-32V	0.1 LUX	



### 250-8651

2007-2013 1500 Chevrolet Silverado & GMC Sierra  
2007-2014 2500/3500 Chevrolet Silverado & GMC Sierra



### 250-8655

2014+ Chevrolet Silverado & GMC Sierra 1500  
2015+ Chevrolet Silverado & GMC Sierra 2500/3500

### 250-8645 2015+ Ford F150



Available with screen interface module for Ford 4.2" display. Part number **250-8419-FDL15** includes module and latch camera.



# REARSIGHT



**250-8650** Not for use with Heritage model trucks.  
2004-2014 Ford F-150  
2008-2016 Ford F-250/350/450/550



**250-8652**  
2010-2019\* Dodge Ram Trucks  
\* Classic body style only for 2019 year-model.



**250-8653**  
2005-2015 Toyota Tacoma



**250-8657**  
2007-2013 Toyota Tundra



Pictured: 250-8645 Ford F150

## RearSight® Rearview Mirror Adapter Mounts

Adapt a vehicle's original equipment rearview mirror mount to accommodate any of Rostra's RearSight® LCD-equipped rearview mirrors or monitors with one of our custom mirror stem adapters. Please visit us online at [rostra.com](http://rostra.com) for a complete application listing and updates.

### 250-8604



Multiple Dodge/Mercedes/Smart applications

### 250-8605



Multiple Volkswagen/Audi applications

### 250-8606



Volkswagen Passat (2012-2014)

### 250-8608



Multiple Dodge/Ram/Chrysler applications

### 250-8609



Multiple Honda/Scion/Subaru applications

### 250-8602



Front View



Rear View



Mirror spacer **250-8602** is the ideal solution for adding clearance between the top of the mirror and the console or roof of the vehicle. Installation time generally takes less than 1 minute.



At Rostra Accessories, we are pleased to announce an upgrade to our **250-8532** 4-channel video multiplexer. Available for immediate purchase, this device has been updated with a more robust user interface providing innovative new ways of displaying multiple on-screen images from up to four cameras placed around a vehicle.

### Product Features

- Displays up to 4 cameras on screen.
- Triggered video input overrides.
- Rugged exterior housing.
- Thread-together connections.
- Includes mounting screws.
- Four audio/video inputs.
- Single audio/video output.
- Provides power for attached cameras.
- Includes IR remote for manual switching.
- Ideal for use with Rostra HD cameras.



7" LCD monitors available separately.



Front



Back

At Rostra Accessories, we are pleased to announce an exciting update to our *Sight AddVantage* line of lower cost, high-quality backup camera systems. Available for immediate shipment, the built-in features of the four rear-view cameras below are sure to impress your customers.

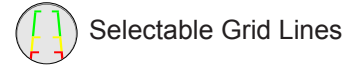
## Product Information

Part Number

**300-LPB**

Universal license plate mountable camera.

Includes hinge mount for liftgate or trunk lid mounting.



Selectable Grid Lines



## Features

**Image Sensor:** 1/4" Color CMOS

**Viewing Angle:** 160-degree Wide Angle

**Resolution:** 648(H)×488(V) 420 Lines

**Video Output Format:** PAL/NTSC

**Minimum Illumination:** 0.2 Lux

**Lens SPEC:** IP69 Waterproof

**Image Gain Control:** Auto

**White Balance:** Auto

**Working Voltage:** DC 6V-16V

**Working Temperature:** -20°+70°

## Included Components

License Plate Mountable Camera

Hinge Mount for Trunk or Liftgate

30-foot RCA Cable with Built-In Power

All Mounting Hardware



300-LPB Installed





Part Number  
**300-BAR** Universal license plate mountable camera.



-  Selectable Grid Lines
-  Reversible Image

**Features**

**Image Sensor:** 1/3" Color CMOS  
**Viewing Angle:** 160-degree Wide Angle  
**Resolution:** 648(H)×488(V) 420 Lines  
**Video Output Format:** PAL/NTSC  
**Minimum Illumination:** 0.2 Lux

**Lens SPEC:** IP69 Waterproof  
**Image Gain Control:** Auto  
**White Balance:** Auto  
**Working Voltage:** DC 6V-16V  
**Working Temperature:** -20°+70°

**Included Components**

License Plate Mountable Camera  
 Swivel Camera Up or Down to Adjust View  
 30-foot RCA Cable with Built-In Power  
 All Mounting Hardware Included

Part Number  
**300-LIP** Universal lip-mount camera.



-  Selectable Grid Lines
-  Reversible Image

**Features**

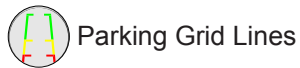
**Image Sensor:** 1/3" Color CMOS  
**Viewing Angle:** 160-degree Wide Angle  
**Resolution:** 648(H)×488(V) 420 Lines  
**Video Output Format:** PAL/NTSC  
**Minimum Illumination:** 0.2 Lux

**Lens SPEC:** IP69 Waterproof  
**Image Gain Control:** Auto  
**White Balance:** Auto  
**Working Voltage:** DC 6V-16V  
**Working Temperature:** -20°+70°

**Included Components**

Base Mounts to SUV/Van Liftgate  
 30-foot RCA Cable with Built-In Power  
 All Mounting Hardware Included

Part Number  
**300-FLSHMNT**  
 Universal flush-mount camera.



**Features**

**Image Sensor:** 1/4" Color CMOS  
**Viewing Angle:** 160-degree Wide Angle  
**Resolution:** 648(H)×488(V) 420 Lines  
**Video Output Format:** PAL/NTSC  
**Minimum Illumination:** 0.3 Lux

**Lens SPEC:** 1.12mm, Waterproof (IP69)  
**Image Gain Control:** Auto  
**White Balance:** Auto  
**Working Voltage:** DC 12V-24V  
**Working Temperature:** -20°C - +70°C

**Included Components**

Flush-Mount Camera  
 Custom Hole Saw  
 20-foot RCA Cable  
 Male DC Power Harness

Part Number  
**300-CUBE**  
 Universal LED hinge-mount camera.



**Features**

**Image Sensor:** 1/4" Color CMOS  
**Viewing Angle:** 120-degree Wide Angle  
**Resolution:** 648(H)×488(V) 420 Lines  
**Video Output Format:** PAL/NTSC  
**Minimum Illumination:** 0 Lux

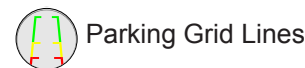
**Lens SPEC:** 1.12mm, Waterproof (IP68)  
**Image Gain Control:** Auto  
**White Balance:** Auto  
**Working Voltage:** DC 12V-24V  
**Working Temperature:** -20°C - +70°C

**Included Components**

Hinge-Mount Camera  
 LED Array for Illumination  
 20-foot RCA Cable  
 Male DC Power Harness  
 Mounting Hardware



Part Number  
**300-EYEBALL**  
 Universal flat-mount camera.



**Features**

**Image Sensor:** 1/4" Color CMOS  
**Viewing Angle:** 160-degree Wide Angle  
**Resolution:** 648(H)×488(V) 420 Lines  
**Video Output Format:** PAL/NTSC  
**Minimum Illumination:** 0.3 Lux

**Lens SPEC:** 1.12mm, Waterproof (IP69)  
**Image Gain Control:** Auto  
**White Balance:** Auto  
**Working Voltage:** DC 12V-24V  
**Working Temperature:** -20<sup>o</sup>+70<sup>o</sup>

**Included Components**

Multi-Axis Flat-Mount Camera  
 Custom Hole Saw  
 20-foot RCA Cable  
 Male DC Power Harness

Sample video of each of these cameras available at [youtube.com/rostra](https://youtube.com/rostra)



**The Rostra Difference**

At Rostra Accessories, precision manufacturing is at the heart of all that we do. As a company with an intense focus on quality control, we openly submit our manufacturing processes to annual inspections and are proud to carry both **ISO 9001:2008** and **TS 16949:2009** certifications. As well, Rostra employees receive training in Six Sigma process improvement strategies. Our customers know that when they buy a Rostra products, they are getting quality components every time.



Our product validation facilities allow us to simulate extreme real-world conditions including tests for hot and cold temperatures, along with ingress protection (IP) and vibration. Rostra parts go through 400+ of hours of testing in our lab environment.



Our ability to scale production lines and add new products is due to our facility's size. Our Newark, NJ manufacturing plant measures over 80,000 square-feet and employs over 100 team members between our *12-Volt Accessories* and *VSM* heavy truck divisions.

Maintaining on-site technical support means you get answers to complicated questions quickly and from technicians that were heavily involved in the development the products you install. Support Technicians are available M-F 8:00AM - 5:00PM at 1-800-732-4744.





# SoftTouch OE

At Rostra Accessories, we are pleased to announce the expansion of our SoftTouch™ Navigation Systems product line. Available for immediate purchase, we're excited to now offer an OE-grade solution to upgrading the factory infotainment system in your Ford or General Motors vehicle to include GPS and turn-by-turn directional mapping technology from HERE.

Originally available for vehicles with upper trim level packages only, these navigation control modules allow installers to easily upgrade popular Ford and GM cars, trucks, and SUVs with factory-installed 8" LCD screens and *MyFord Touch*, *MyLink*, *IntelliLink* and *CUE* systems. Installed in just minutes for most applications, our SoftTouch OE systems require no invasive deconstruction of the factory radio and LCD screen and connect to wiring already pre-installed on the vehicles listed below.



## Ford/Lincoln

### Part Number 250-7714D Vehicle Applications

Note: VIN confirmation is required for applications listed below with a picture of the vehicle's window sticker, inner driver-side door sticker, or VIN plate.

2013-2015 C-Max	2013-2015 Flex	2015 MKC
2011-2015 Edge	2012-2015 Focus	2013-2015 MKS
2013-2015 Escape	2013-2016 Fusion	2013-2016 MKT
2015 Expedition	2015 Mustang	2011-2015 MKX
2011-2016 Explorer	2013-2015 Taurus	2013-2016 MKZ
2013-2015 F-150	2015 Transit	2015 Navigator
2015-2016 F250/F350	2014-2016 Transit Connect	
2014-2015 Fiesta		

### Part Number 250-7715D Vehicle Applications

Note: VIN confirmation is required for applications listed below with a picture of the vehicle's window sticker, inner driver-side door sticker, or VIN plate.

2016-2018 C-Max	2016-2017 Fiesta	2017-2018 Continental
2018 EcoSport	2016-2018 Flex	2016-2018 MKC
2016-2018 Edge	2016-2018 Focus	2016 MKS
2016-2018 Escape	2017-2018 Fusion	Late 2016*-2018 MKT
2016-2018 Expedition	2016-2018 Mustang	2016-2018 MKX
2017-2018 Explorer	2016-2018 Taurus	Late 2016* -2018 MKZ
2016-2018 F-150	2016-2017 Transit	2016-2018 Navigator
2017-2019 F-250/350	2016-2018 Transit Connect	

\* Confirm system. Late production models may be SYNC 3.





## 250-7716D

### Buick

2014-2015 LaCrosse  
2014-2015 Regal

### Cadillac

2014-2015 ATS  
2013-2015 CTS  
2016 CT6  
2013-2015 SRX  
2014-2015 XTS

### Chevrolet

2014-2015 Colorado  
2014-2015 Corvette  
2014-2015 Impala  
2014-2015 Silverado  
2014-2015 Suburban  
2014-2015 Tahoe

### GMC

2014-2015 Sierra 1500  
2015 Sierra 2500  
2015 Yukon

## 250-7717D

### Buick

2013-2017 Enclave \*\*\*  
2013-2016 Encore \*\*\*  
2013-2017 Verano \*\*\*

### Chevrolet

2011-2015 Camaro \*\*\*  
2013-2016 Cruze \*\*\*  
2013-2017\*\* Equinox \*\*\*  
2013-2015 Malibu \*\*\*  
2013-2017 Traverse \*\*\*  
2011-2015 Volt \*\*\*

### GMC

2013-2016 Acadia \*\*\*  
2013-2017 Terrain \*\*\*  
\* Must verify on vehicle.  
\*\* Old body Cruze/Malibu only.  
\*\*\* This is a complete radio exchange (NOT an HMI module).  
\*\*\* Adding to a vehicle without Surround view will result in loss of the factory parking lines.

## 250-7718D

### Buick

2018-2019 Enclave  
2017-2019 Encore  
2016-2019 Envision  
2016-2019 LaCrosse  
2016-2018 Regal

### Cadillac

2016-2017 ATS  
2016-2017 CTS  
2017-2018 CT6  
2016 SRX  
2016-2017 XTS  
2017-2019 XT5

### Chevrolet

2016-2018 Camaro  
2016-2018 Colorado  
2016-2019 Corvette  
2017-2019\*\* Cruze  
2018-2019\*\*\*\* Equinox  
2016-2019 Impala  
Late 2016\*-2019\*\* Malibu  
2016-2018 Silverado 1500-3500  
2019 Sonic  
2019 Spark  
2016-2019 Suburban  
2016-2019 Tahoe  
2016-2019 Traverse \*\*\*  
2016-2018 Volt \*\*\*

### GMC

2017-2018 Acadia \*\*\*  
2016-2018 Canyon  
2016-2018 Sierra 1500  
2016-2018 Sierra 2500  
2016-2019 Yukon





## Rear-Mount Parking Assist

The BackZone Plus is an industry-leading automotive reverse parking assist system developed by Rostra Accessories and designed to give every driver peace-of-mind while maneuvering their vehicle in situations where space is narrow. The BackZone Plus provides both visual and audible alerts to the potential dangers of nearby obstacles through the use of an included buzzer built into a digital display that can be mounted on your sun visor or dashboard. When the vehicle is shifted into reverse, the system will automatically engage and output a single “beep” alerting the driver it has been activated. The system will further alert the driver to the presence of obstacles within each of its detection zones. From a pulsing beep to a steady tone, the BackZone Plus system works to keep drivers aware of their surroundings. The system goes silent again only when an obstacle is no longer in range of contacting the vehicle.



250-1903-BZP (2015 Hyundai Elantra Installation)



Now featuring OBD cap for Vehicle Speed Signal and On/Off control switch

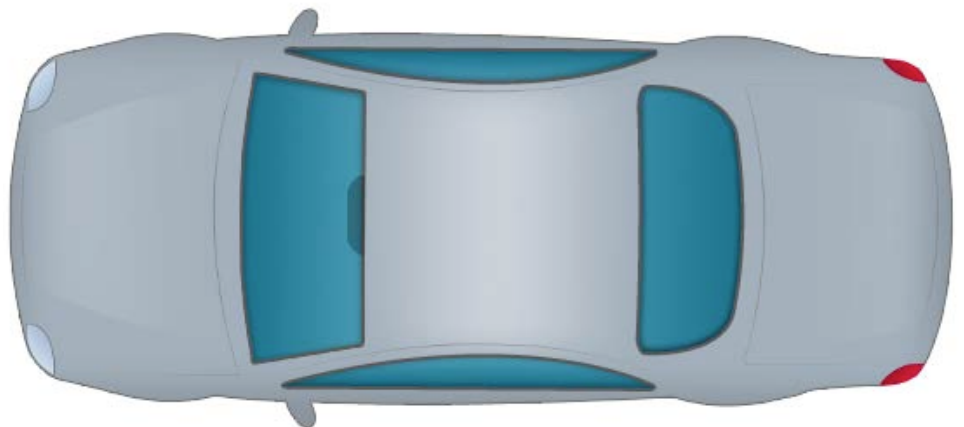


250-1920-FZ



The FrontZone is a revolutionary automotive forward-facing parking assistance system developed by Rostra Accessories and designed to give every driver peace-of-mind while parking their vehicle in cramped quarters. The FrontZone unit provide both visual and audible alerts to the potential dangers of nearby obstacles through the use of an included buzzer built into a digital display that can be mounted on your sun visor or dashboard and engages automatically when the vehicle is travelling at low speeds.

**FrontZone Detection Zones**



# BACKZONE TRUCK

By Rostra

Introducing **BackZone Truck (250-1903-BZTRK)**, Rostra's latest innovation in vehicle parking assistance systems. Designed around the reliable components that customers have come to expect from the BackZone name, BackZone Truck advances the usability of the product line for light-duty trucks. Key features of this new system include the following:

## 25-Foot Truck Harness

Ultrasonic parking assistance systems typically require the use of harness extensions when being installed onto light duty trucks. These extensions introduce multiple points of failure and signal interference. That all changes with BackZone Truck. Each BackZone Truck system includes a weather-proof 25' harness designed to connect the four bumper-mounted ultrasonic sensors to the BackZone control module in a single run.



**Coming Soon:** Part Number [250-1903-BZ35](#) featuring a 35-foot sensor extension harness



## Redesigned BackZone Control Module

The BackZone control module packaged with the BackZone Truck system includes an internal electronics redesign necessary to transmit interference-free signals from the bumper-mounted ultrasonic sensors along the 25-foot harness - an industry first.

## Smaller Audible/Visual Display

Compared to Rostra's standard BackZone Plus and FrontZone parking assistance systems, the BackZone Truck includes a dashboard/visor mount display with a smaller overall footprint designed to more seamlessly blend into a vehicle's interior.



## Full-Color Retail Packaging

Every BackZone Truck system ships with full-color retail packaging. This box design acts as a "silent salesman" in your showroom detailing the myriad features of the BackZone Truck system. Likewise, the box was redesigned with warehouse distributors in mind providing ample blank panel space for multiple UPC label sizes allowing easy storage and quick retrieval from a warehouse.





# BACKZONE TRUCK

By Rostra

## What's Included with the BackZone Truck?

- Full-color retail packaging
- Glossy installation/owner's manual.
- Bumper drilling template.
- Four flush-mount ultrasonic sensors.
- Four rubber sensor sleeves.
- Four under-bumper sensor mounts.
- Under-bumper mounting hardware.
- 25-foot sensor extension harness.
- BackZone Truck control module.
- Dashboard/Visor audio-visual display \*.
- Standalone buzzer with 19' harness \*\*.
- 21.5 mm hole saw.
- 24.5 mm hole saw.
- Two-wire power/ground harness.
- Cable ties.
- Four 6-degree angled sensor bezels.
- Four 12-degree angled sensor bezels.
- 3M VHB mounting tape for module.
- 3M VHB mounting tape for display.
- Two quick splice connectors.

\* Options for Off, Visual Display Only, or Visual Display and Audio Output (90 dB).

\*\* Options for High Audio Output (105 dB) and Low Audio Output (90 dB).



# BACKZONE Pro By Rostra

Introducing **BackZone Pro (250-1903-BZPRO)**, Rostra's latest innovation in vehicle parking assistance systems. Developed specifically for passenger cars and designed around the reliable components that customers have come to expect from the BackZone name, BackZone Pro advances the usability of the product line by easing installation and providing options for audio-visual or audible-only object detection alerts through the included dashboard or visor mountable display or a standalone buzzer. Key features of this new system include the following:

## Smaller Audible/Visual Display

Compared to Rostra's standard BackZone Plus and FrontZone parking assistance systems, the BackZone Pro includes a dashboard/visor mount display with a smaller overall footprint designed to more seamlessly blend into a vehicle's interior.

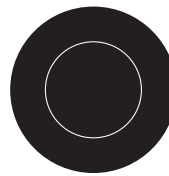


Sun visor-mountable with on-screen alerts rotated to match.



## Extended Sensor Leads

17.5" leads on each ultrasonic sensor means it is easier to connect the weather-proof ends of the sensors to the extension harness on any vehicle.



## Flush-Mount Ultrasonic Sensors

Stylish, low-profile, paintable ultrasonic sensors allow you to keep the factory fit and finish of your vehicle while adding an extra dimension of driving safety.

## Full-Color Retail Packaging

Every BackZone Pro system ships with full-color retail packaging. This box design acts as a "silent salesman" in your showroom detailing the myriad features of the BackZone Pro system. Likewise, the box was redesigned with warehouse distributors in mind providing ample blank panel space for multiple UPC label sizes allowing easy storage and quick retrieval from a warehouse.



BackZone Pro Retail Packaging



# BACKZONE Pro By Rostra

## What Is Included with the BackZone Pro?

- Full-color retail packaging
- Glossy installation/owner's manual.
- Bumper drilling template.
- Four flush-mount ultrasonic sensors \*.
- Four rubber sensor sleeves.
- 8-foot sensors extension harness.
- BackZone Pro control module.
- Dashboard/Visor audio-visual display \*\*.
- Standalone buzzer with 19' harness \*\*\*.
- 21.5 mm hole saw.
- 24.5 mm hole saw.
- Two-wire power/ground harness.
- Cable ties.
- Four 6-degree angled sensor bezels.
- Four 12-degree angled sensor bezels.
- 3M VHB mounting tape for module.
- 3M VHB mounting tape for display.
- Two quick splice connectors.

\* Sensors include 17.5" wire leads.

\*\* Options for Off, Visual Display Only, or Visual Display and Audio Output (90 dB).

\*\*\* Options for High Audio Output (105 dB) and Low Audio Output (90 dB).



## DashCam Dashboard Video Recording Systems

Part number **250-8950** is Rostra's most advanced in-vehicle video recording system to date and includes a discretely-mountable control module, two high-definition front and rear-facing cameras, GPS antenna for tracking route and speed, interior-mountable microphone for recording in-cab audio, as well as a 16GB micro SD card and USB SD card reader to get you up-and-running right out of the box.



Front 1080p@30FPS HD Camera  
Rear 720p@30FPS HD Camera  
Surface-Mount GPS Antenna  
Audio Recording Through Remote Microphone  
Direct Connection To Wi-Fi Enabled Phone

3-Wire Connectivity For Quick Installation  
Voice Prompt System Messages  
G-Shock And Motion Detection Modes  
Supports Class 10 SD Card Up To 64GB  
9V - 28V Operating Voltage

### View Videos Over Wi-Fi on Your Mobile Device

With built-in 802.11 b/g/n Wi-Fi capability, you can preview, download, and playback videos recorded by the 250-8950 event recording system and configure various settings from your iOS or Android smartphone through a Wi-Fi direct connection.

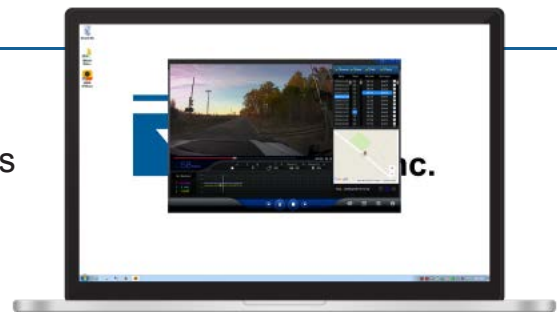


Please visit [rostra.com/support](http://rostra.com/support) for download links directly to Apple's *App Store* and the *Google Play Store*.



### View Videos with the Windows Desktop Application

While Wi-Fi connectivity and the ability to access videos recorded to the 250-8950 event record while on the road can be incredibly handy, the Windows-based video viewing program provides access to myriad other data points including information recorded from the control module's built-in G-shock sensors, driving speed, and vehicle route overlaid onto a Google Map.





### Parking Mode



A unique feature of the 250-8950 DVR system is its ability to continue recording video from both front and rear-facing cameras even after the vehicle's ignition has been shut off. During installation, a connection will be made to a constant input power source allowing the system to continue operating even when the vehicle is parked giving drivers a new sense of security while away from their vehicle.

### GPS Recording and Route/Speed Readout



The GPS antenna included with the 250-8950 DVR system allows for real-time recording of a vehicle's speed and direction which can be overlaid onto a Google Map when using the desktop video viewing program.

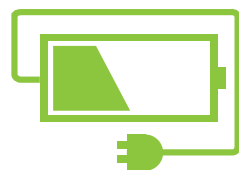
Note: Desktop video viewing program only available for Windows-based personal computers.

### 3-Axis Gravity Sensor

The 250-8950 includes a multi-axis G-shock sensor system designed to automatically tag videos for permanent storage while operating on the road or when stationary in *Parking Mode*.



### Low Power Consumption & Auto-Shutdown



While operating in *Parking Mode*, the 250-8950 system draws minimal power from the vehicle's battery (320mA@12V) to record after the ignition is powered off and can be configured with multiple complete shutdown options including voltage-based (battery drops to 11.5V, 11.7V, 11.9V, 12.1V, 12.3V), or time-based (6hr, 12hr, 24hr, 36hr, 48hr).

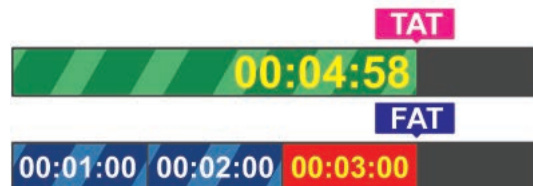
### Discrete Mounting for Module, Cameras, Microphone, and GPS Antenna



### TAT File System/Storage Architecture

The TAT file system is a new way of cataloging data on removable storage devices like an SD card and features:

- Video recording down the second power is shut off.
- Extended SD card life with no need to reformat periodically.
- Secure video storage requiring app for viewing.



FAT storage loses nearly 1 minute of video after power shutoff.

### Looping Video Overwrite

The 250-8950 DVR system record videos until the SD card has reached its capacity. Once this occurs, the system begins to overwrite video from the oldest to the most recent.



## ComfortHeat<sup>®</sup> Carbon-Fiber Seat Heating Systems

**Demand is heating up!** Experience the gentle, therapeutic warmth of a Rostra ComfortHeat<sup>®</sup> automotive carbon-fiber seat heating system with dual-zone heating for soothing lower back pain and adding car seat comfort that works with cloth or leather vehicle seats. ComfortHeat<sup>®</sup> seat heaters have rapid warm-up times that provide warmth in less than a minute. Treat yourself to the ultimate in comfort by installing both the ComfortSeat<sup>®</sup> Lumbar Support and therapeutic ComfortHeat<sup>®</sup> universal seat heaters in your car, truck, or SUV today!

### Why choose ComfortHeat<sup>®</sup> seat heaters?

At Rostra, we pride ourselves on real-world product testing and validation in the harshest of environments. Our 80,000 square-foot manufacturing plant in Laurinburg, N.C. includes a battery of equipment that allows us to test every item that we sell against extreme hot and cold temperatures and ingress from dust and particulates that could shorten the life of our products on your vehicle. But we don't stop there - we submit each of our seat comfort components to outside laboratories for independent testing against the National Highway Traffic Safety Administration's **Federal Motor Vehicle Safety Standards and Regulations** Standard No. 302<sup>\*</sup>. Because our seat comfort items are all **FMVSS 302** compliant, we trust in their quality enough to provide an industry-leading 3-year/36,000 mile warranty on each kit sold. The only remaining question: Why wouldn't you use a ComfortHeat<sup>®</sup> seat heater or ComfortSeat<sup>®</sup> lumbar support system from Rostra?

<sup>\*</sup> from [www.nhtsa.gov](http://www.nhtsa.gov) - This standard specifies burn resistance requirements for materials used in the occupant compartments of motor vehicles. Its purpose is to reduce deaths and injuries to motor vehicle occupants caused by vehicle fires, especially those originating in the interior of the vehicle from sources such as matches or cigarettes.



250-1870-TOY (2016-2018 Toyota Tacoma Installation)



Part Number: **250-1900**



Seat heating system for one seat. 2-position rocker switch. Two seat heating elements.

Part Number: **250-1870**



Seat heating system for one seat. 3-position rocker switch.

Part Number: **250-1871**



Seat heating system for one seat. 5-position thumb switch.

Part Number: **250-1872**



Seat heating system for two seats. 5-position thumb switch.

Part Number: **250-1870-TOY**

Seat heating system for one seat.

Toyota-specific.



# ComfortSeat® Pneumatic Lumbar Support Systems

**Cruise in comfort!** With the ComfortSeat® Lumbar Support System, you can set the amount of lower back muscle support you need for your individual comfort while driving. Tucked away inside the driver or passenger seat, the ComfortSeat® System provides the precise amount of extra lumbar support to your lower back, decreasing lumbar strain at your command. With just the touch of a finger, the seat or console-mounted switch activates a pneumatic motor filling the bladder within the seat. Make every drive a comfortable drive.

## Features:

Dual-position control switch (inflate/deflate).  
Sound-dampening pouch minimizes pump noise.  
Perfect addition to a leather seat upgrade.  
Includes all hardware for a complete installation.

Expandable air bladder provides lumbar support.  
Universal wiring for installation in all cars, trucks, and SUVs.  
In-line 5 amp fuse provides short-circuit protection.

## Part Numbers

**250-1453** (Rear Mount)    **250-1454** (Front Mount)    **250-1752** (Rear Mount - Small Seat Apps)



Air Bladder - 250-1453



Air Bladder - 250-1454



Universal control switch



Universal wire harness



Under-seat pneumatic motor/pouch assembly





At Rostra Accessories, we are pleased to announce that major upgrades have been made to our Con-Verse Hands-Free Bluetooth® systems that we think your customers will enjoy. Along with these updates, you'll find a list of new part numbers when viewing the *Vehicle Specific Con-Verse Bluetooth®* webpage or when using our vehicle search drop-down menu on [rostra.com](http://rostra.com). Read further for details about these updates...

## Con-Verse Bluetooth® Module Updates



### 4-Channel Audio Streaming\*

Two additional relays internal to each Con-Verse module means audio streaming is no longer limited to just the front two speakers of the vehicle. Users of Con-Verse systems can now experience high fidelity A2DP audio streaming from all speakers during every phone call, song, or video.

An upgraded Bluetooth® chip provides enhancements to mobile device interactivity including easier access to functions like voice commands, music control, and application launching.

## Flat Black Surface-Mount Control Switch (250-7598)



Face view.



Control switch 250-7598 rear view.

Included with every new Con-Verse Hands-Free Bluetooth® System is our new **250-7598** flat black surface-mount control switch. Designed with ease of installation in mind, the ribbon cable style connector can be routed through a body trim panel crease for installation where drilling a hole is not an option and can be permanently attached using the included 3M double-sided foam pad. As with all other Con-verse Bluetooth® control switches, this new switch incorporates a cool blue backlight.

\* 4-channel audio streaming available for vehicles equipped with base model sound systems only.





## 260-1024-JEEP

### 2007-2018 Jeep Wrangler (JK) DRL/Accent Lighting System

Two 5-LED lamps

Two black custom bezels

Fender cut-out templates

All mounting hardware

Weatherproof connectors

4800K color temperature





Developed specifically for the 2014 Toyota Tundra, Rostra's LED Daytime Running Lights (DRL) are part of the company's many domestic Port of Entry manufacturing programs and are now available to the aftermarket in a wide range of the most popular OE colors.

**Part Numbers/OE Paint Codes**

**260-1030-TUNU** (Unpainted) **260-1030-TUNB** (Black Onyx, 202) **260-1030-TUNW** (Super White, 040)  
**260-1030-TUNG** (Magnetic Gray Metallic, 1G3) **260-1030-TUNS** (Silver Sky Metallic, 1D6)

**2D1 PAR 56 7" LED Headlamp Assembly**



Front



Rear



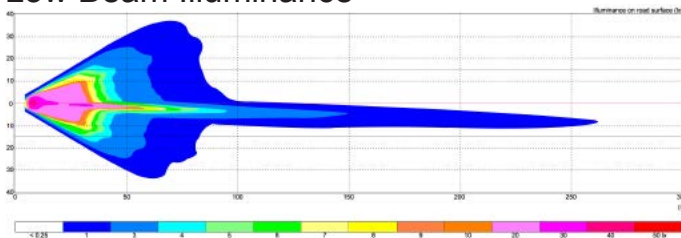
Full-Color Retail Packaging

Sold in an attractive clamshell package, constructed from die-cast aluminum and a rugged, abrasion resistant UV-protected lens, Rostra's **260-2070 7"** sealed lamp provides vehicle owners with a simple way of replacing aging halogen assemblies with state of the art LED technology.

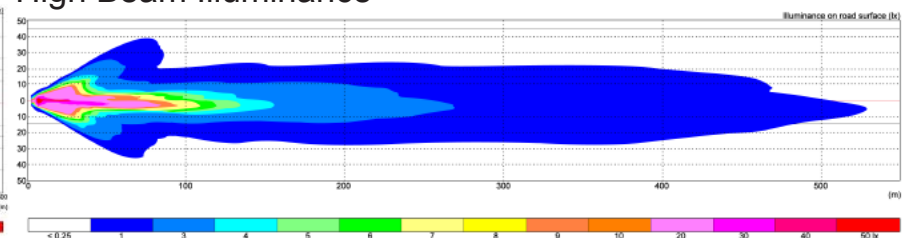
- DOT approved 2D1 Par 56 headlamp.
- Die-cast aluminum body dissipates heat buildup.
- Black powder coated finish resists corrosion.
- Impact-resistant polycarbonate lens.
- Industry-standard H4, 3-pin connector.

- Built-in high beam and low beam functionality.
- 600 lumen low beam, 1085 lumen high beam.
- One low beam LED. Four high beam LEDs.
- 15W low beam, 27W high beam.
- 9V-32V operating voltage.

**Low Beam Illuminance**



**High Beam Illuminance**



## Vehicle-Specific Electronic Cruise Control Systems

Drive-by-wire add-on cruise control systems by Rostra are available for many popular vehicle platforms from manufacturers like Toyota, General Motors, Suzuki, Dodge, Mitsubishi and Chrysler. Each cruise control system is designed with ease of installation in mind and typically provides for a completely plug-and-play installation.

### What is included with a Rostra cruise control system?

A typical add-on cruise control system by Rostra includes an intelligent electronic control module with a built-in firmware package designed to deliver specific commands to a vehicle's onboard computer system or accelerator pedal position sensor. When combined with the fashionable control switch, an accelerator pedal interface harness, and primary system power harness, Rostra's cruise control systems provide a carefree way of maintaining highway driving speeds.

### Popular Cruise Control Solutions for 2017



#### 250-9543/250-9544

**Chevrolet**

2016 (new body style) - 2019 Cruze



#### 250-9642

**RAM Trucks**

2014-2018 ProMaster



#### 250-9639

**RAM Trucks**

2015-2018 ProMaster City



#### 250-1884

**Hyundai**

2017-2018 Elantra



#### 250-1885

**Mitsubishi**

2017-2018 Mirage

### Toyota Cruise Control



#### 250-1836

Multiple 2006-2019 vehicles

View our complete list of electronic cruise controls at [www.rostra.com](http://www.rostra.com)!

### Now Available...



Almost all of our electronic cruise control systems can now be purchased with our latest column-mount, adjustable control switch by adding the suffix “-NS” to a standard cruise control part number providing access to built-in memory locations to access stored speed preferences and/or speed-limiting functionality.

View our complete list of electronic cruise controls at [www.rostra.com](http://www.rostra.com)!



Set your speed with a touch of your finger! Once selected your cruise control constantly measures changes in the engine loading and vehicle speed in order to maintain a constant speed on the highway. Easily set the controls and avoid unintended speeding. Slow down or accelerate, you don't have to touch the pedal. Use your RF switch and have that same functionality built right into your steering wheel!



**250-1223** (Universal)

- Set Speed
- Coast/Reduce Speed
- Resume/ Accel
- Tap-Up, 1 MPH per tap
- Tap-Down, 1 MPH per tap
- Controlled Resume Rate

- Modular Design
- Wiring Harness with Lock
- Redesigned Water Sealing
- Self Diagnostics
- Smaller Module

- Enhanced Adaptability**
- Works with 3, 4, 5, 6 or 8 Cylinders
- Select Square or Sine Wave Speed
- Signal Source
- Select Acceleration Rate
- Select Gain Control
- Select M/T or A/T

- Easier Installation**
- No Vacuum Required
- VSS Wire Already in Harness
- Compatible with Neutral Safety
- Compatible with Direct Fire Ignition



**GM Control Switch 250-3357**

Rostra is pleased to re-introduce this popular General Motors-style control switch with intermittent wiper delay and the ability to control a Rostra cruise control system.



**250-3020**  
Early GM-style lever (1981 and earlier).



**250-3026**  
GM/AMC switch with dimmer.



**250-3032**  
"Cut Off" installs over turn signal shaft.



**250-3421**  
"Slim Arm" universal mount adjustable arm.



**250-3304**  
"Stubby" non-adjustable universal mount



**250-3125**  
Universal mount with adjustable arm.



**250-3446**  
"Slim Arm" universal with adjustable arm.



**250-3742**  
Universal left-hand mount with On/Off LED.



**250-3743**  
Universal right-hand mount with On/Off LED.



**250-3002**  
"Piggy Back" installs on existing lever.



**250-3592**  
Dash mount switch with engaged LED.



**250-3593**  
Dash mount switch without engaged LED.



**250-1483**  
Universal bottom mount RF with bracket.

# SOURCE PWR+

## 7.5 Amp Intelligent Power Supply

### Part Numbers

250-2951-05  
5-Pack

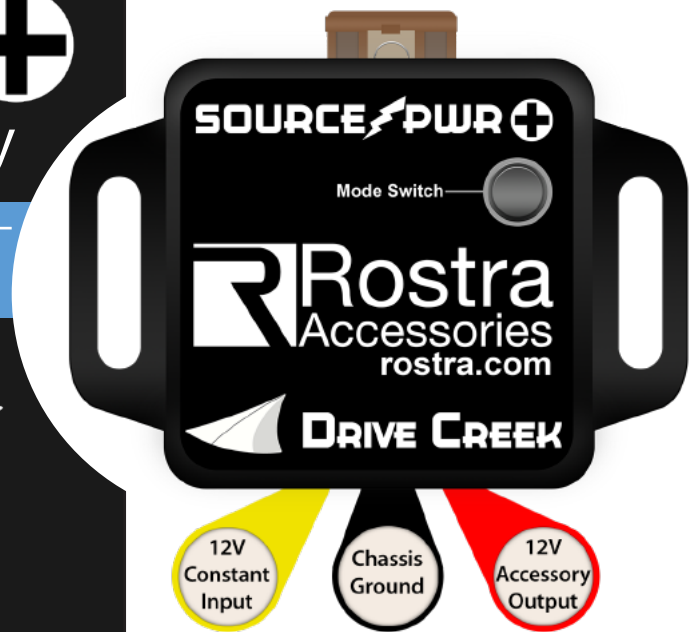
250-2951-10  
10-Pack

250-2951-25  
25-Pack



Takes minutes, can save hours!

## AVAILABLE NOW



Installing any aftermarket 12-volt accessory in a boat, car, truck, RV, tractor, or motorcycle can be a difficult experience. Finding the correct wires can be time-consuming, costly, and can damage critical interior components and electrical systems. If these accessories are left on - accidentally or deliberately - these accessories can drain a battery dead.

SourcePWR Plus eliminates the stress that comes with installation aftermarket accessories such as radios, navigation systems, lighting, trolling motors, radar and communication devices. With two programming modes and three distinct features, SourcePWR Plus will save time and money while maintaining proper battery voltages. With a rugged, water-resistant construction, SourcePWR Plus is small enough to fit in the palm of your hand and once connected it can be discretely hidden away.



Quick and Easy Install



Three Function Modes



Save Time & Money

**Function 1** - Consists of the basic function of the original SourcePWR. After connecting the +/- inputs, SourcePWR Plus creates ignition power for your accessories with the engine running and turning power off with the engine is off. SourcePWR Plus has an internal LED which illuminates the fuse when power is on and the engine is running allowing for a quick and easy set-up and diagnostics.

**Function 2** - Provides the added benefit of a programmable delay for power-off. Customers can determine how long power is extended to their accessories by choosing **up to 90 minutes** in program mode. This feature is great for mimicking CAN BUS shut-down time and creating a retained accessory power (RAP) circuit/feature - ideal for vehicles equipped with Start/Stop technology.

**Function 3** - Is "battery saver" mode. Devices will power on with the engine but stay on when the engine turns off. This mode will continue to deliver power to the accessory until the battery voltage reaches 11.5 volts. Customers can enjoy this feature by leaving accessories on such as radios, trolling motors and DVR dash cameras without the worry of completely draining the battery.