

## KDL-40EX720

Entertainment lovers, the slim Sony® EX720-Series LED LCD HDTV is for you. See precise motion detail plus watch your favorite 2D or 3D entertainment in clear, vivid Full HD 1080p picture quality with incredible contrast.<sup>4,5</sup> Enjoy instant access to must have entertainment on your terms with new apps delivered automatically. You can even video chat with family and friends with Skype on the big screen.<sup>2</sup>



### **Bullets**

- Online entertainment access with automatic app updates<sup>1</sup>
- Full HD (1080p) picture quality for 2D & 3D<sup>4,5</sup>
- Edge LED backlit for incredible contrast & slim design
- X-Reality™ Engine for a clear, vivid, life-like picture
- Smooth motion clarity with MotionFlow™ XR 240

#### **Features**

# Internet Streaming and Connectivity

Internet Streaming: Internet favorites now streaming on your television. In addition to Qriocity<sup>TM</sup>, watch hit movies with Netflix®, popular TV shows on Hulu Plus<sup>TM</sup> or user-generated video on YouTube<sup>TM</sup>. You can even listen to personalized music on Pandora®. Enjoy the widest selection of internet content at your fingertips.<sup>1</sup>

## Skype™ Ready:

Easily connect to family and friends live on your HDTV wherever they are with Skype! Enjoy free high definition Skype-to-Skype video calls from the comfort of your living room. Simply attach the Sony® compact microphone/camera (CMU-BR100, required, sold separately) and see your friends on the big screen – it's unlike any experience you could get on a PC. <sup>2</sup>

## Wi-Fi® Ready:

Going wireless is easy with the UWA-BR100 Wi-Fi® adapter (sold separately). Just plug it in and get ready to stream movies, photos, music and videos straight to your TV from the Internet or your home network.<sup>1</sup>

#### DLNA® Streaming:

Access and share photos, videos and music on your TV by streaming them from compatible DLNA® device like your PC or Playstation®3 system.³

#### X-Reality™ Engine

Enjoy a vivid, lifelike picture experience. Sony's X-Reality engine brings out the best by analyzing each scene so you see sharpened images, and amazing contrast detail.

#### See It All in 3D

Enjoy incredible depth and a sharp, Full HD 1080p picture from the leader in 3D technology.<sup>5</sup> Plus easy set up with built-in 3D sync transmitter. (3D Active Glasses required, sold separately)

#### MotionFlow™ XR 240

See smooth and precise detail during fast-action scenes. Sony's Motionflow™ XR 240 technology for fast action movies and sports by reducing blur caused by quick camera movements, enhancing image sharpness, and overall creates a clearer picture.

#### Edge LED Backlighting

Experience the next level of picture quality and contrast with Sony's Edge LED Backlight technology. This technology sharpens image contrast giving an amazingly crisp picture you can see. The ultra-thin backlight system allows for a slimmer, sleeker design.

### **Presence Sensor**



Save energy when you're not around. The television's built-in motion sensor has the ability to scan the room and detect movement. If the sensor detects no movement it automatically turns off the picture leaving only sound. After more time and no movement, the TV turns itself off minimizing any unnecessary power draw.

## **Navigation Made Easy**

Enjoy an easy-to-use menu that allows you to navigate additional content or adjust the picture settings while watching your favorite program.

# Media Remote App.

Download the free Media Remote app and use your iPhone® or Android™ phone as a versatile remote control with full QWERTY keyboard. <sup>4</sup>

## **Faster Start-Up**

Quick Start & Viewing feature enables this Sony television to go from 'OFF' to 'ON' 2-3 times faster than previous Sony televisions.

#### **USB Photos, Videos & Music**

Share your photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input.

## LightSensor™ Technology

Enjoy customized picture brightness and save energy without lifting a finger. The built-in Light Sensor automatically adjusts the picture brightness based on the amount of light in the room.

## BRAVIA® Sync™ Compatible

Conveniently operate and control other BRAVIA® Sync™ compatible devices - including BRAVIA® HDTVs, Blu-ray Disc™ Players, surround sound systems, Handycam® camcorders and Cyber-shot® digital still cameras, all with one remote control.

### **Specifications**

3D Features	
2D to 3D Conversion	Yes
3D	Yes
3D Sync Transmitter Integrated	Yes
Audio	
Audio Power Output	10W + 10W
Speaker Configuration	2
Speaker Position	Rear Facing
Audio Features	
5.1 Channel Audio Out	Yes
	Yes Yes
Out 5.1ch Through Out	
Out 5.1ch Through Out (Handycam) Alternate Audio	Yes
Out 5.1ch Through Out (Handycam) Alternate Audio (Digital)	Yes Yes
Out 5.1ch Through Out (Handycam) Alternate Audio (Digital) Audio Out Auto Mute (on no	Yes Yes Fixed/variable
Out 5.1ch Through Out (Handycam) Alternate Audio (Digital) Audio Out Auto Mute (on no signal)	Yes Yes Fixed/variable Yes
Out 5.1ch Through Out (Handycam)  Alternate Audio (Digital)  Audio Out  Auto Mute (on no signal)  Auto SAP  Clear Phase	Yes Yes Fixed/variable Yes Yes

Headphone/ Speaker Link	Yes	
Invisible Speaker (w/Sound Elevation)	Yes	
S-Master	Yes	
Sony Original Surround	S-Force Front Surround 3D	
Sound Booster	Yes	
Sound Enhancer	Yes	
Sound Mode	Dynamic, Standard, Clear Voice, Custom	
Stereo System	MTS	
Surround Effect	Cinema, Sports, Music, Game	
Broadcast Features		
TV Guide On- Screen	Yes	
Convenience Features		
Auto Shut-off	Yes	
BRAVIA® Sync™	Yes	
Channel Block (with password)	Analog & Digital	
Channel Jump	Yes	
Channel Surf	Yes	
Control for HDMI™ (HDMI™ CEC)	Yes	

Edit Channel Labels	Yes
Info Banner	Yes
Input Skip	Automatic
Label Inputs	Yes
Multiple Language Display	English, French, Spanish
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
On-Screen Operating Instructions	Yes
Panorama	Yes
PAP (Fixed or Variable)	PAP(Variable)
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
PIP (Picture in Picture)	Yes
Quick Start & Viewing	Yes
Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Animation



Show/Hide Channels	Yes
Skin Naturalizer	Yes
Sleep Timer	Yes
Twin Picture	PAP (Variable)
USB Play	Yes
Design Features	
6 degree Upward Style	Yes
Stand Swivel	Yes
Stand Swivel Range	Left 20°/Right 20°
Stand Tilt	Yes
Stand Tilt Range	0°- 6° Flexible
Display	
Aspect Ratio	16:9
Display Resolution	Full HD 1080p
Dynamic Contrast Ratio	Infinite <sup>6</sup>
Panel Frequency	120Hz
Screen Size (measured diagonally)	40"
Viewing Angle (Right/Left)	178 (89/89)
Viewing Angle (Up/Down)	178 (89/89)
Energy Saving & E	fficiency
Backlight Off Mode	Yes
	Yes Yes
Mode Dynamic Backlight	
Mode  Dynamic Backlight Control  Energy Star®	Yes
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy	Yes (Exceeds v5.0)
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode)	Yes Yes (Exceeds v5.0) 64W
Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star	Yes Yes (Exceeds v5.0) 64W
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return	Yes (Exceeds v5.0) 64W 0.20W
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions	Yes (Exceeds v5.0) 64W 0.20W Yes
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface	Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface Color)	Yes Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital Black
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface Color)  HDMI™ InstaPort	Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital Black Yes
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface Color)  HDMI™ InstaPort  New GUI  Start Up Sony Logo	Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital Black Yes Yes Yes
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface Color)  HDMI™ InstaPort  New GUI  Start Up Sony Logo Display	Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital Black Yes Yes Yes
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface Color)  HDMI™ InstaPort  New GUI  Start Up Sony Logo Display  Inputs and Outpu	Yes Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital Black Yes Yes Yes Yes
Mode  Dynamic Backlight Control  Energy Star® compliant  Power Consumption (On Mode) for Energy Star  Power Consumption (Standby Mode) for Energy Star  General Features  Audio Return Channel  Closed Captions (CC)  Finish (Surface Color)  HDMI™ InstaPort  New GUI  Start Up Sony Logo Display  Inputs and Output  Analog Audio	Yes (Exceeds v5.0) 64W 0.20W Yes Analog, Digital Black Yes Yes Yes 1 (Rear)

Component Video (Y/Pb/Pr) Input(s)  Composite Video Input(s)  Digital Audio Output(s)  Ethernet Connection(s)  Connection(s)  I (Rear)  Ethernet Connection(s)  (Total)  HDMIIM Connection(s)  (Total)  HDMIM PC Input Yes  Headphone Output(s)  PC In (D-Sub) + Audio In (Stereo Mini)  RF Connection Input(s)  USB 2.0  RF Connection Input(s)  Ready Infut are Update Required Post (Firmware Update Required)  Required Post (Firmware Update Required)  Wireless LAN  Ready (UWA-BR100 required, sold separately)  Power  Consumption (in Operation) Mace)  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Requirements (frequency)  Power Requirements (frequency)  Power Requirements (frequency)  Power Requirements (frequency)  Power Recycled Carton (more than 40%)  Regulation and Standards Compliance		
Input(s)  Digital Audio Output(s)  Ethernet Connection(s)  HDMIIM Connection(s) (Total)  HEadphone Output(s)  PC In (D-Sub) + Audio In (Stereo Mini)  RF Connection Input(s)  USB 2.0  REAVIA® Internet Video  BRAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA  Yes  DLNA  Yes  HTML Browser  Media Remote  Skype™  Yes  Ves  Video Search  Win-Fi Direct  Power Consumption (in Download Acquisition Mode)  Power Consumption (in Operation) max.  Power Requirements (frequency)  Power Recycled & Recycled Carton (more than 40%)		1 (Rear/Hybrid)
Cutput(s)  Ethernet Connection(s)  HDMIIM Connection(s) (Total)  HDMIIM PC Input  Headphone Output(s)  PC In (D-Sub) + Audio In (Stereo Mini)  RF Connection Input(s)  USB 2.0  REAVIA® Internet Video  BRAVIA® Internet Ves  LINA  Yes  DLNA  Yes  HTML Browser  Media Remote  Pess  Yes (Firmware Update Required)  Yes  Video Search  Yes  What's New  Yes (Firmware Update Required)  Wi-Fi Direct  Yes (Firmware Update Required)  Wireless LAN  Ready (UWA-BR100 required, sold separately)  Power  Consumption (in Download Acquisition Mode)  Power  Consumption (in Operation) max.  Power  Requirements (frequency)  Power  Requirements (voltage)  Recycled Carton (more than 40%)		2 (1 Rear/1 Hybrid)
Connection(s) HDMI™ Connection(s) (Total) HDMI™ PC Input Headphone Output(s) PC In (D-Sub) + Audio In (Stereo Mini) RF Connection Input(s) USB 2.0 RF Connection Input(s) USB 2.0 REAVIA® Internet Video BRAVIA® Internet Video BRAVIA® Internet Widgets DLNA Yes DLNA Yes DLNA Yes HTML Browser Media Remote Required) Photo MAP Skype™ Yes Video Search Ves What's New Was (Firmware Update Required) Wireless LAN Ready (UWA-BR100 required, sold separately)  Power Consumption (in Download Acquisition Mode) Power Consumption (in Operation) max. Power Requirements (frequency) Power Requirements (voltage) Recycled & Recycled Carton (more Materials		1 (Rear)
Connection(s) (Total) 4 (1 Side/3 Rear)  HDMI™ PC Input Yes  Headphone Output(s) 1 (Side/Hybrid)  PC In (D-Sub) + Audio In (Stereo Mini)  RF Connection Input(s) 1 (Rear)  USB 2.0 2 (Side)  Network Features  BRAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA Yes  DLNA Yes  HTML Browser Yes  Media Remote Required)  Photo MAP Yes  Skype™ Yes  TrackID Yes  Video Search Yes  What's New Yes (Firmware Update Required)  Wi-Fi Direct Yes (Firmware Update Required)  Wi-Fi Direct Yes (Firmware Update Required)  Wireless LAN Ready (UWA-BR100 required, sold separately)  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Requirements (frequency)  Power Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)		1 (Rear)
Headphone Output(s)  PC In (D-Sub) + Audio In (Stereo Mini)  RF Connection Input(s)  USB 2.0  Ref Connection Input(s)  USB 2.0  I (Rear)  I (Rear)	Connection(s)	4 (1 Side/3 Rear)
Output(s)  PC In (D-Sub) + Audio In (Stereo Mini)  RF Connection Input(s)  USB 2.0  Retwork Features  BRAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA  Yes  DLNA  Yes  DLNA  Yes  HTML Browser  Media Remote  Required)  Photo MAP  Skype™  Yes  Ves (Firmware Update Required)  Photo MAP  Yes  Ves (Firmware Update Required)  Photo MAP  Yes  Ves (Firmware Update Required)  Wideo Search  Yes  What's New  Yes (Firmware Update Required)  Wi-Fi Direct  Yes (Firmware Update Required)  Vos (Firmware Update Required)  Ves (Firmware Update Required)  Ves (Firmware Update Required)  Ves (Firmware Update Required)  Ves (Firmware Update Required)  Tolumore  Ves (Firmware Update Required)  Ves (Firmware Update Required)  Ves (Firmware Update Required)  Tolumore Tolu	HDMI™ PC Input	Yes
Audio In (Stereo Mini)  RF Connection Input(s)  USB 2.0  REAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA  Photo MAP  Photo MAP  Ves  TrackID  Ves  Ves  Video Search  What's New  Wireless LAN  Wireless LAN  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Required  Power  Consumption (in Operation) max.  Power  Required  Power  Required  Power  Required  Power  Required  Power  Required  O.02kWh / Day  AC 120V  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)		1 (Side/Hybrid)
Input(s) I (Rear)  USB 2.0 2 (Side)  Network Features  BRAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA Yes  DLNA Yes  HTML Browser Yes  Media Remote Required)  Photo MAP Yes  Skype™ Yes  TrackID Yes  Video Search Yes  What's New Yes (Firmware Update Required)  Wi-Fi Direct Yes (Firmware Update Required)  Wireless LAN Ready (UWA-BR100 required, sold separately)  Power  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Requirements (frequency)  Power Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Audio In (Stereo	
Network Features  BRAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA  Pes  DLNA  Yes  DLNA  Yes  HTML Browser  Media Remote  Photo MAP  Yes  Skype™  Yes  TrackID  Yes  Video Search  Wi-Fi Direct  Wireless LAN  Power  Consumption (in Download Acquisition Mode)  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Required  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Requirements (frequency)  Power  Requirements (frequency)  Power  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)		1 (Rear)
BRAVIA® Internet Video  BRAVIA® Internet Widgets  DLNA  Pound Yes  DLNA  Photo MAP  Ves  What's New  Wiseless LAN  Power  Consumption (in Operation) max.  Power  Requirements (frequency)  Power  Required  AC 120V  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	USB 2.0	2 (Side)
Video  BRAVIA® Internet Widgets  DLNA  Yes  DLNA  Yes  DLNA  HTML Browser  Media Remote  Media Remote  Photo MAP  Skype <sup>TM</sup> Ves  TrackID  Ves  Video Search  Winat's New  Wiseless LAN  Ready (UWA-BR100 required, sold separately)  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Requirements (frequency)  Power  Requirements (frequency)  Power  Recycled & Recyclable Materials  Packaging Materials  Packaging Materials  Response (Materials)  Recycled Carton (more than 40%)	Network Features	
Midgets DLNA Yes DLNA Yes  DLNA Yes  HTML Browser  Media Remote  Media Remote  Mequired Photo MAP Yes  Skype <sup>TM</sup> Yes  TrackID Yes  Video Search What's New  Wi-Fi Direct  Wireless LAN  Power Consumption (in Download Acquisition Mode)  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Requirements (frequency)  Power Requirements (frequency)  Power Recycled & Recyclable Materials  Packaging Materials  Resey (Firmware Update Required)  Ready (UWA-BR100 required, sold separately)  Power Consumption (in O.02kWh / Day  AC 110W  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)		Yes
DLNA Yes HTML Browser Yes  Media Remote Yes (Firmware Update Required) Photo MAP Yes Skype™ Yes TrackID Yes Video Search Yes What's New Yes (Firmware Update Required) Wi-Fi Direct Yes (Firmware Update Required) Wireless LAN Ready (UWA-BR100 required, sold separately)  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Requirements (frequency) Power Requirements (frequency)  Power Recycled & Recyclable Materials Packaging Recycled Carton (more than 40%)		Yes
HTML Browser Yes  Media Remote Yes (Firmware Update Required)  Photo MAP Yes  Skype™ Yes  TrackID Yes  Video Search Yes  What's New Yes (Firmware Update Required)  Wi-Fi Direct Yes (Firmware Update Required)  Wireless LAN Ready (UWA-BR100 required, sold separately)  Power  Consumption (in Download Acquisition Mode)  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Requirements (frequency)  Power  Requirements (frequency)  Power  Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	DLNA	Yes
Media Remote       Yes (Firmware Update Required)         Photo MAP       Yes         Skype™       Yes         TrackID       Yes         Video Search       Yes         What's New       Yes (Firmware Update Required)         Wi-Fi Direct       Yes (Firmware Update Required)         Wireless LAN       Ready (UWA-BR100 required, sold separately)         Power       Consumption (in Download Acquisition Mode)         Power Consumption (in Operation) max.       110W         Power Consumption (in Standby)       0.20W (120V)         Power Requirements (frequency)       60Hz         Power Requirements (frequency)       AC 120V         Recycled & Recyclable Materials       Packaging Recycled Carton (more than 40%)	DLNA	Yes
Photo MAP  Skype <sup>TM</sup> Yes  Skype <sup>TM</sup> Yes  TrackID  Yes  Video Search  What's New  Yes (Firmware Update Required)  Wi-Fi Direct  Wireless LAN  Ready (UWA-BR100 required, sold separately)  Power  Consumption (in Download Acquisition Mode)  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) ACQUIVITY  Power  Requirements (frequency)  Power  Requirements (frequency)  Power  Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	HTML Browser	Yes
TrackID Yes  Video Search Yes  What's New Yes (Firmware Update Required)  Wi-Fi Direct Yes (Firmware Update Required)  Wireless LAN Ready (UWA-BR100 required, sold separately)  Power  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) 0.20W (120V)  Standby)  Power  Requirements (frequency)  Power  Requirements (yoltage)  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)	Media Remote	
TrackID Yes  Video Search Yes  What's New Yes (Firmware Update Required)  Wi-Fi Direct Yes (Firmware Update Required)  Wireless LAN Ready (UWA-BR100 required, sold separately)  Power  Power  Consumption (in Download Acquisition Mode)  Power  Consumption (in Operation) max.  Power  Consumption (in Operation) 0.20W (120V)  Standby)  Power  Requirements (frequency)  Power  Requirements (frequency)  Power  Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Photo MAP	Yes
Video Search  What's New  What's New  Wi-Fi Direct  Wireless LAN  Power  Consumption (in Download Acquisition Mode)  Power  Consumption (in Operation) max.  Power  Consumption (in Standby)  Power  Required, sold separately)  0.02kWh / Day  110W  0.20W (120V)  Power  Requirements (frequency)  Power  Requirements (frequency)  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)	Skype™	Yes
What's New Yes (Firmware Update Required) Wi-Fi Direct Yes (Firmware Update Required) Wireless LAN Ready (UWA-BR100 required, sold separately)  Power Power Consumption (in Download Acquisition Mode)  Power Consumption (in Operation) max.  Power Consumption (in Standby)  Power Requirements (frequency)  Power Requirements (frequency)  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)	TrackID	Yes
Windis New Required)  Wiseless LAN Yes (Firmware Update Required)  Ready (UWA-BR100 required, sold separately)  Power  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Consumption (in Operation) max.  Power Requirements (frequency)  Power Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Video Search	Yes
Required)  Ready (UWA-BR100 required, sold separately)  Power  Power Consumption (in Download Acquisition Mode)  Power Consumption (in Operation) max.  Power Consumption (in Standby)  Power Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Materials  Ready (UWA-BR100 required, sold separately)  Power Consumption (in 0.02kWh / Day  0.02kWh / Day  0.02kWh / Day  0.02kWh / Day  AC 110W  0.20W (120V)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	What's New	
Wireless LAN required, sold separately)  Power  Power Consumption (In Download Acquisition Mode)  Power Consumption (in Operation) max.  Power Consumption (in Standby)  Power Requirements (frequency)  Power Requirements (AC 120V (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Wi-Fi Direct	
Power Consumption (in Download Acquisition Mode)  Power Consumption (in Operation) max.  Power Consumption (in Standby)  Power Requirements (frequency)  Power Requirements (trequency)  Power Requirements (AC 120V (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Wireless LAN	required, sold
Consumption (In Download Acquisition Mode)  Power Consumption (In Operation) max.  Power Consumption (In Standby)  Power Requirements (frequency)  Power Requirements (Teacher R	Power	
Consumption (in Operation) max.  Power Consumption (in Standby)  Power Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Materials  Recycled Carton (more than 40%)	Consumption (in Download	0.02kWh / Day
Consumption (in Standby)  Power Requirements (frequency)  Power Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more Materials	Consumption (in	110W
Requirements (frequency)  Power Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Consumption (in	0.20W (120V)
Requirements (voltage)  Recycled & Recyclable Materials  Packaging Recycled Carton (more than 40%)	Requirements	60Hz
Packaging Recycled Carton (more Materials than 40%)	Requirements	AC 120V
Materials than 40%)	Recycled & Recyc	clable Materials
Regulation and Standards Compliance		
	Regulation and St	andards Compliance

VESA® Hole Pitch	300 x 300 mm
VESA® Hole Spacing Compatible	Yes
Sensing Features	
LightSensor™ Technology	Yes
Presence Sensor	Yes
Service and Warro	anty Information
Limited Warranty Term	1 Year Parts / 1 Year Labor
TV System	
Channel Coverage	VHF: 2-13, UHF: 14-69, CATV: 1-135
Color System	NTSC
Number of Tuners (Analog)	1 (Hybrid)
Number of Tuners (Digital)	1 (Hybrid)
Tuner (Cable)	Clear QAM
Tuner (Terrestrial)	ATSC
TV System (Analog)	М
TV System (Digital)	ATSC
Video Features	
24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Deep Color	Yes
Intelligent Image Enhancer	Yes
Intelligent MPEG Noise Reduction	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	XR 240
PhotoTV HD	Yes
Picture Mode	Vivid, Standard, Photo- Vivid, Photo-Standard, Photo-Original, Photo- Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation
Video Processing	X-Reality™ Engine
Wide Mode	Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC
Dimensions (Appro	ox.)



37 1/4 x 23 1/8 x 1 2/3" (943 x 586 x 42mm) (Approx.) without stand; 37 1/4 x 24 3/8 x 9 7/8" (943 x 616 x 250mm) with stand Packaging (Approx.) 43 3/4 x 26 3/4 x 5 1/4" (1109 x 679 x 132mm); 41 lbs (19 Kg)

Weight (Approx.) 24.7 lbs (11.2 Kg) without stand; 31.8 lbs (14.4 Kg) with stand

Accessories

### Weights and Measurements

- 1. Broadband speed of 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires UWA-BR100 USB adapter and 802.11 home network (802.11n recommended).
- 2. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires UWA-BR100 USB adapter and an 802.11 home network (802.11n recommended). Skype requires firmware update and CMU-BR100 camera sold sep (expected availability summer 2011). Subject to Skype's terms and conditions.
- 3. Requires 802.11 home network, and content stored on a DLNA $^{\odot}$  compliant device.
- 4. Media Remote capability requires TV firmware update, expected Spring 2011, and devices connected to the same wireless home network.
- 5. Requires 3D content, 3D player, HDMI® cable (at least 10.2 Gbps) and 3D active glasses sold separately.
- 6. Dynamic contrast ratio compares the luminance of a 100 IRE (white) signal with that of a 0 IRE (black) signal. When the TV receives a 0 IRE signal the backlight is turned off and the luminance measurement is 0.00 cd/m². The resulting dynamic contrast ratio is infinite.
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