

So realistic you might forget you're just watching TV. It's the best picture we've ever created, where details like individual blades of grass come to life with laser-sharp precision and the most natural color imaginable. Stunning images are produced using our most advanced X-Reality™ PRO technology and the ultra-thin TV design is achieved by incorporating Corning® Gorilla® Glass for the seamless look of edge-to-edge glass.



Bullets

- Pro-grade detail for discerning eyes: X-Reality™ PRO
 - Full-array local dimming for our best color/contrast
 - Experience precise motion clarity w/ Motionflow™ XR 960
 - Frameless design with Corning's Gorilla® Glass
 - RS-232C and IR-in for custom control installations
 - 3D in Full HD 1080p for phenomenal 3D picture quality²
 - Movies, music & apps w/ Sony Entertainment Network¹
 - Stream HD entertainment wirelessly with built-in Wi-Fi®¹
 - PC and tablet content³ on your TV w/ Intelligent Connect
 - Make life-sized video calls with Skype®¹
 - Media Remote™ app to control your TV with a smartphone⁴
 - Connect to the TV via Wi-Fi® without using a router³
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Features

Everything looks better.

This is picture quality so lifelike it's like looking through a window. Each scene in everything you watch—HD movies, sports, even YouTube™ clips and home movies—is presented with unprecedented detail, and astonishing color as Sony's exclusive X-Reality™ PRO picture engine draws on its database of real patterns, shapes and textures to display our most lifelike picture ever.

Peak performance.

Experience Sony's best picture quality and extraordinary contrast with full-array local dimming technology. This innovative technology consists of an array of LED lights that adjust the bright and dark levels in each area of the screen for more precise control of the picture.

Tough, yet beautiful.

Only Sony has it.⁷ Corning's exclusive Gorilla® Glass lets you enjoy an incredibly durable, remarkably lightweight, frameless design with a seamless, sophisticated look. Paired with the OptiContrast™ panel, Gorilla Glass helps boost contrast and brightness while minimizing unwanted light reflections.

Go way beyond cable.

Welcome to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always at your fingertips. By connecting to the Internet you can access Full HD 1080p entertainment, 3D content² and made-for-TV apps like Netflix®, Pandora®, YouTube™, Facebook® and more.¹

Our clearest picture ever.

When you watch a kickoff at the stadium, the ball doesn't blur from left to right. Recreating natural motion with reduced judder and less blur, Motionflow™ XR 960 technology helps you see each end-over-end rotation by taking motion clarity beyond refresh rates, which are only measured in Hz, to quadruple the motion effect so you see everything as if you were there.

In-your-face action.

Brace yourself for pure 3D excitement that feels like you're standing on the 50-yard line. Through advanced Active 3D technology, immerse yourself in Full HD 1080p clarity and phenomenal 3D picture quality. Just slide on the comfortable 3D active glasses and enter a whole new dimension.²

Natural 3D effects.

Feel like you're standing alongside your favorite actor as the environment envelops you with lush 3D detail.² Ultra-realistic effects are achieved by X-Reality™ PRO 3D Super Resolution, optimizing each area of the 3D scene by drawing on its database of patterns, shapes and textures.

Goodbye wires, hello built-in Wi-Fi®.

Maximize your entertainment while reducing cable clutter. Wirelessly stream beautiful, HD entertainment straight from the internet or your home network using built-in Wi-Fi® connectivity.¹

Life-sized video calls.

It's like they're in the room with you. Skype® video calls bring your family and friends closer than ever as they appear as large as life on your big screen—for free.¹ Just connect the easy-to-use Skype camera (sold separately) for a face-to-face look at the caller on the beauty of your Sony HDTV.

All devices, together as one.

Don't all of your personal photos and videos deserve the big screen? Experience your content on a grand scale simply by connecting your compatible smartphone, computer or Sony Tablet™ S via your existing Wi-Fi® network. Then you can easily "throw" your videos, photos and music files to your HDTV.³

Control your TV with your phone.

Now there's one less remote control on the coffee table. Just download the free Media Remote™ app and turn your iPhone®, Android™ phone or Sony Tablet™ S into a versatile remote control with a full QWERTY keyboard⁴. It makes changing channels and typing searches ultra fast and convenient.

Custom control installations.

RS-232C and IR-in for custom control installations.

It powers off when you're gone.

We all forget to turn the TV off sometimes. That's why a built-in sensor is used to power down the TV when it detects no one is watching. Better yet, it warns children when they're sitting too close to the screen. Face Detection technology is also used to automatically adjust volume based on where people are sitting.

Wi-Fi® without a router.

Sometimes your friends want to share their personal photos and videos on your beautiful HDTV. With Sony's Wi-Fi Direct Mode, your friends can throw personal content to your TV without connecting to your home network. Wi-Fi Direct completely bypasses the Wi-Fi access point/router, so it's easy to set up.³

A sense for songs.

What's that song in the TV show, movie or commercial you're watching? Press 'TrackID' on your remote and get the song name and artist instantly.⁵ You can also start TrackID® by shaking a smartphone that's running the Media Remote™ app.⁴ Very convenient.

Save power, save money.

Enjoy lower energy bills with reduced power consumption of up to 30% while maintaining beautiful image quality with Eco Drive technology. It automatically reduces power consumption while boosting color and detail on the screen and conserving energy used by the backlight.⁶

Handheld gaming goes big.

Play your PlayStation® Vita system or other handheld gaming consoles (with SD output) on your HDTV with no irritating black borders surrounding the picture. Just select Game Mode for an ideal fit to your TV screen according to the input. Better yet, Super Resolution Processing delivers a clear, crisp view in HD size.

Onboard manual.

You will never lose your TV manual again. The iManual is available through the menu system on the TV – always there if you need it.

Find it fast.

Searching for shows and music on your TV is so simple. Just press 'GUIDE' on your remote and see what's on and what's coming up with a handy image to go with it. You also get an episode synopsis, cast and crew details and suggestions to related shows, on-demand movies and Blu-ray Disc™ titles.⁷

Finding music is also a cinch. Music Search with the TrackID® button cleverly recognizes the melody of the music playing on your TV. Want to go further? Search to find more songs by the same artist and other related web content. Share your discovery with the world via Twitter™.⁷

Specifications

3D Features		Sound Mode		Picture Adjustments Lock	
2D to 3D Conversion	Yes	Dynamic, Standard, Clear Voice, Custom		Picture Adjustments Lock	Yes
3D	Yes	Stereo System	MTS	Picture Frame Mode	Yes
3D Sync Transmitter Integrated	Yes	Surround Effect	Cinema, Sports, Music, Game	PIP (Picture in Picture)	Yes
Simulated 3D	Yes	Broadcast Features		Position Control	Yes
Audio		TV Guide On-Screen	Yes	Quick Start & Viewing	Yes
Audio Power Output	10W + 10W + 10W	Convenience Features		Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Animation
Speaker Configuration	2.1	Auto Shut-off	Yes	Show/Hide Channels	Yes
Speaker Position	Rear Facing	BRAVIA® Sync™	Yes	Skin Naturalizer	Yes
Audio Features		Channel Block (with password)	Analog & Digital	Sleep Timer	Yes
5.1 Channel Audio Out	Yes	Channel Jump	Yes	Twin Picture	PAP (Variable)
5.1ch Through Out (Handycam)	Yes	Channel Surf	Yes	USB Play	Yes
Advanced Auto Volume	Yes	Control for HDMI™ (HDMI™ CEC)	Yes	White Balance	Yes
Alternate Audio (Digital)	Yes	Distance Alert	Yes	Customizing Capability	
Audio Out	Fixed/Variable	Edit Channel Labels	Yes	Control via IR In	Yes
Auto Mute (on no signal)	Yes	Favorites	Yes	RS-232C Control	Yes
Auto SAP	Yes	Info Banner	Yes	Design Features	
Clear Phase Speaker	Yes	Input Skip	Automatic	Illuminated Sony Logo	Yes
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Label Inputs	Yes	Monolithic Design	Yes
Headphone/ Speaker Link	Yes	Multiple Language Display	English, French, Spanish	Display Features	
Invisible Speaker	Yes	On/Off Timer	Yes	Backlight Type	Intelligent Peak LED
S-Master	Yes	On-Screen Clock	Yes	Display Device	LCD
Sony Original Surround	S-Force Front Surround 3D	On-Screen Display for External Input	Yes	OptiContrast Panel	Yes
Sound Booster	Yes	On-Screen Operating Instructions	Yes	Display	
Sound Enhancer	Yes	Panorama	Yes	Aspect Ratio	16:9
		PAP (Fixed or Variable)	PAP(Variable)	Display Resolution	Full HD 1080p
		Parental Control	Yes	Dynamic Contrast Ratio	Infinite ⁶
				Panel Frequency	240Hz

Screen Size (measured diagonally)	65" (64.5")
Viewing Angle (Right/Left)	178 (89/89)
Viewing Angle (Up/Down)	178 (89/89)
Energy Saving & Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Saving Switch	Yes
Energy Star® compliant	V4.1:OK, V5.0:OK
Power Consumption (On Mode) for Energy Star	108W
Power Consumption (Standby Mode) for Energy Star	0.30W
General Features	
Audio Return Channel	Yes
Closed Captions (CC)	Analog, Digital
Finish (Surface Color)	Black
HDMI™ InstaPort	Yes
New GUI	Yes
Start Up Sony Logo Display	Yes
Inputs and Outputs	
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	2 (Rear)
Audio Out	1 (Side) Hybrid w/HP
Component Video (Y/Pb/Pr) Input(s)	1 (Adaptor/Bottom/Hybrid)
Composite Video Input(s)	2 (Adaptor/Bottom/1 Hybrid)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Rear)
HDMI™ Connection(s) (Total)	4 (1 Side/3Rear)
HDMI™ PC Input	Yes
Headphone Output(s)	1(Side) Hybrid w/Audio out
IR Input(s)	1 (Rear)

PC In (D-Sub) + Audio In (Stereo Mini)	D-Sub 1 (Side), Mini 1(Rear) Mini)
RF Connection Input(s)	1 (Rear)
RS-232C Input(s)	1 (Bottom)
USB 2.0	2 (Side)
Network Features	
BRAVIA® Internet Video	Yes
BRAVIA® Internet Widgets	Yes
DLNA	Yes
DLNA Content	Yes
Internet_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 Certified	Yes
Wi-Fi Direct	Yes (Firmware Update Required)
Wireless LAN	Integrated
Yahoo! Widgets	Yes
Power	
Power Consumption (in Download Acquisition Mode)	0.02kWh / Day
Power Consumption (in Operation) max.	265W
Power Consumption (in Standby)	120V : 0.30W
Power Requirements (frequency)	60Hz
Power Requirements (voltage)	AC 120V
Recycled & Recyclable Materials	
Packaging Materials	Recycled Carton (more than 40%)
Regulation and Standards Compliance	
VESA® Hole Pitch	400 x 300 mm
VESA® Hole Spacing Compatible	Yes
Sensing Features	
Ambient Sensor	Yes

Intelligent Presence Sensor	Yes
Presence Sensor with Face Detection	Yes
Service and Warranty Information	
Limited Warranty Term	18 Months Parts / 18 Months 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)	M
TV System (Digital)	ATSC
Video	
Video Signal	1080/24p (HDMI™ only), 1080/60i, 1080/60p (HDMI™ / Component), 720/60p, 480/60i, 480/60p
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	Line Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Deep Color	Yes
Intelligent MPEG Noise Reduction	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	XR 960
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™ PRO Engine
Wide Mode	Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC

1. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype requires CMU-BR100 camera sold sep. Subject to Skype's terms and conditions.

2.Requires 3D content, 3D player, HDMI® cable (at least 10.2 Gbps) and 3D active glasses sold separately.

3. Streaming content, copy-protected content and certain formats are not supported.

4. Requires devices connected to the same wireless home network.

5. Requires active internet connection.

6. Compared to normal viewing. Based on 40-inch LED TV with Picture Setting 'Vivid.'

7. As of January 1, 2012

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