

So realistic you might forget you're just watching TV. Stunning images are produced using our most advanced X-Reality™ PRO picture engine that brings individual details to life. With TRILUMINOS display reds, greens and blues shine with more depth and realism than ever before, creating an image that's like looking through a window.



Bullets

- Pro-grade detail for discerning eyes: X-Reality™ PRO
- TRILUMINOS display w/ more brilliant colors than ever
- Dynamic Edge LED backlight for amazing contrast
- Experience precise motion clarity w/ Motionflow™ XR 960
- Dynamic, full range sound w/ S-Force Surround Sound
- Your smartphone screen on TV w/ NFC screen mirroring²
- Built-in Wi-Fi® for streaming HD entertainment⁵
- TV Sideview app to control your TV and channel guide⁴
- Four pairs of active 3D glasses to enjoy 3D in Full HD³
- SimulView™ technology presents twice the fun: 2 player games with no split screen.⁷
- Quartz Cut Design
- Make life-sized video calls with Skype®¹

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 latest-generation X-Reality™ PRO picture engine cleans and refines images - restoring them to their original beauty with rich colors and high contrast - for our most lifelike picture ever.

More brilliant color than ever before

Unique to Sony, TRILUMINOS Display creates incredibly true, natural shades of colors - just the way you want to see them. Hard-to-reproduce reds and emerald greens are displayed beautifully, so landscapes and seascapes look more vivid, richer and more intense. Faces look better, too, with natural skin tones. It's all thanks to a new-generation TV technology that makes colors purer and more distinct with a wider color range, giving images a heightened sense of depth.

The difference is dynamic.

It's all about perfecting a natural look. Dynamic Edge LED backlighting with local dimming delivers pitch-black night scenes and illuminates bright scenes. Rather than illuminating the entire screen, contrast is boosted in just the right areas for a more realistic picture.

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 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.

Sound that's all around you

Whether you're watching movies, live concerts, drama or sports – enjoy rich, dynamic sound from your TV speakers that feels like it's filling the room. Unique to Sony, S-Force Front Surround technology processes audio signals to create an immersive, finely detailed soundstage that pulls you right into the heart of the action. An enlarged 'sweet spot' lets you enjoy optimum audio reproduction, even if you're not sitting dead-center right in front of the TV screen. It's the perfect way to enhance your viewing experience, with sound you might expect from a dedicated multi-channel surround sound system.

Your smartphone, now on TV

Movies, music and apps from your smartphone can now be viewed big on your TV. With three ways to connect Android phones and tablets to the W900A, Sony is helping you add value to the entertainment you already own.

1. Using a Mobile High Definition Link cable, you can connect your smartphone to the TV to literally "mirror" what's seen on the smartphone screen. Video, photos and apps are re-sized and scaled to fit the larger TV screen. You can then use the TV remote to navigate the phone, while it's charging from the TV⁵.

2. Using screen mirroring technology, you can connect phones that are Miracast™ enabled to the TV².

3. Using One-touch mirroring with NFC technology, briefly place your compatible Xperia™ smartphone to the one-touch remote. You'll instantly be able to view exactly what is on your smartphone's screen on the TV⁶.

Go beyond cable with Internet TV

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 and touching the 'SEN' button the TV remote, you can access Full HD 1080p entertainment, and made-for-TV apps like Netflix®, Pandora®, YouTube™, Facebook® and more.¹

Control TV with your smartphone or tablet

Get more from watching television with TV SideView. Control the TV or browse the channel guide with your smartphone or tablet (Android or iOS), all without having to minimize what you're watching on the TV. Learn more about the show you're watching right now, like cast and episode details. Search what's available to watch on TV, internet videos and apps like Netflix®. Once you find what you want to watch, you can select to view it on the TV. Make TV viewing more social by Tweeting about the show from your mobile device⁴.

In-your-face 3D action

Brace yourself for pure 3D excitement that feels like you're standing alongside the actors. 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 dimension³. Four pairs included.

Twice the fun: 2 player games with no split screen

Say goodbye to split screen. Now you and a friend can both experience your own big-screen view of the action as you play nail-biting games on your PlayStation®3 system. SimulView™ gaming presents two separate Full HD pictures: each player watches independently through switching the mode on the 3D glasses supplied with your TV. There's already a growing choice of SimulView™ game titles available.

Quartz-cut design

Inspired by the sharp edges and color found in quartz crystals the Quartz-cut design brings a new edge to TV with a hint of translucent color that emphasizes the hidden gem within. Brilliant color, sharp detail and an overall sense of beauty can be found in the thin border that traces the edge of the TV screen.

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.

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.

Specifications

| | | | | | |
|--------------------------------|--|--------------------------------------|---|--|--------------------------------|
| 3D Features | | Channel Block (with password) | Analog & Digital | Stand Swivel | Left 15 degree/Right 15 degree |
| 3D | Active | Channel Jump | Yes | Display Features | |
| 3D Format Support | Yes | Channel Surf | Yes | Backlight Type | LED |
| 3D Super-resolution | Yes | Edit Channel Labels | Yes | Deep Black Panel | Yes |
| 3D Sync Transmitter Integrated | Yes | Info Banner | Yes | Dimming Type | Local Dimming |
| Auto 3D Depth Adjustment | Yes | Input Skip | Auto | Display Device | LCD |
| Simulated 3D | Yes | Label Inputs | Yes | Triluminos Display | Yes |
| Audio | | Multiple Language Display | English/Spanish /French | Display | |
| Audio Power Output | 10W+10W | On/Off Timer | Yes | Aspect Ratio | 16:9 |
| Speaker Configuration | 2 Full Range(30x80mm)x2 | On-Screen Clock | Yes | Display Resolution | Full HD |
| Speaker Position | Rear facing | On-Screen Display for External Input | Yes | Dynamic Contrast Ratio | over 1 million |
| Audio Features | | On-Screen Operating Instructions | Yes | Screen Size (cm) | 138.8cm |
| 5.1 Channel Audio Out | Yes | Panorama | Yes | Screen Size (measured diagonally) | 55"(54.6") |
| 5.1ch Through Out (Handycam) | Yes | Parental Control | Yes | Viewing Angle (Right/Left) | 178(89/89) |
| Advanced Auto Volume | Yes | Picture Adjustments Lock | Yes | Viewing Angle (Up/Down) | 178(89/89) |
| Alternate Audio (Digital) | Yes | Picture Frame Mode | Yes | Energy Saving & Efficiency | |
| Audio Out | Fixed/Variable | Scene Select | Photo | Backlight Off Mode | Yes |
| Clear Phase Speaker | Yes | | Music | Dynamic Backlight Control | Yes |
| Dolby® | Dolby Digital, Dolby Digital Plus, Dolby Pulse | | Cinema | Energy Star® compliant | Yes, V5.3 & V6 |
| Headphone/Speaker Link | Yes | | Game | Power Consumption (On Mode) for Energy Star | 61.32W |
| Invisible Speaker | Yes | | Graphics | Power Consumption (Standby Mode) for Energy Star | 0.111W |
| Long Duct Speaker | Yes | | Sports | General Features | |
| Reflector | Yes | | Animation | Audio Return Channel | Yes |
| Signal-to-Sound Architecture | Yes | | Show/Hide Channels | Closed Captions (CC) | Closed Caption |
| Simulated Stereo | Yes | | Skin Naturalizer | Demo Mode | Yes |
| S-Master | Yes | | Sleep Timer | Finish (Surface Color) | Black |
| Sony Original Surround | S-Force Front Surround 3D | Twin Picture | HDMI™ InstaPort | Yes | |
| Sound Booster | Yes | USB Play | Hotel Mode Menu | Yes | |
| Sound Enhancer | Yes | USB Play (Contents) | Start Up Sony Logo Display | Yes | |
| Sound Mode | Standard | | MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotinJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ WAV/ JPEG/ MPO | Inputs and Outputs | |
| | Cinema | USB Super Multi-Format Play | Yes | AC Power Input | 1 (Rear) |
| | Sports | Customizing Capability | | Analog Audio Input(s) (Total) | 2 (Rear) |
| | Music | RS-232C Control | Yes for SonySTD | Audio Out | 1 (Side/Hybrid w/HP) |
| Game | Illumination LED | Yes | Component Video (Y/ Pb/Pr) Input(s) | 1 (Rear/Hybrid) | |
| Compressed Audio | Sense of QUARTZ | Yes | Composite Video Input(s) | 2 (1Rear/1Rear Hybrid w/ Component) | |
| Stereo System | MTS(AUTO SAP) | Design Features | | | |
| Convenience Features | | Stand Design | Loop, Chrome Plating | | |
| Auto Photo Mode | Yes | | | | |
| Auto Shut-off | Yes | | | | |
| BRAVIA® Sync™ | Yes | | | | |

| | |
|-----------------------------|-----------------------------|
| Digital Audio Output(s) | 1(Rear) |
| Ethernet Connection(s) | 1 (Vertical) |
| HDMI™ Connection(s) (Total) | 4 |
| HDMI™ PC Input | Yes |
| Headphone Output(s) | 1 (Side/Hybrid w/Audio Out) |
| MHL | Yes |
| RF Connection Input(s) | 1 (Bottom) |
| RS-232C Input(s) | 1 (Side / Stereo Mini Jack) |
| USB 2.0 | 3port |

Network Features

| | |
|----------------------------|---|
| BIVL (System) | Yes |
| DLNA Content | MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotionJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ LPCM/ JPEG/ MPO |
| Fast Zapping | Yes |
| Google TV Sync | YES(US/CA/MX) |
| Internet_Browser | Yes(Opera) |
| One-touch mirroring | Yes |
| Opera Apps (System) | Yes |
| Related Search | Yes |
| Screen mirroring | Yes |
| Seamless Streaming | Yes |
| Skype™ | Ready |
| Sony Entertainment Network | Yes |
| Text search | Yes |
| TV SideView™ | Yes |
| TV Tweet | Yes |
| Wi-Fi Certified | Yes |
| Wi-Fi Direct | Yes |
| Wireless LAN | Integrated |
| X2 Widget (System) | Yes |

Power

| | |
|---------------------------------------|--|
| Power Consumption (in Operation) max. | 152W |
| Power Consumption (in Standby) | 120V : 0.15W / 240V : 0.3W |
| Power Requirements (frequency) | 60Hz for UL cUL 50/60Hz for other |
| Power Requirements (voltage) | AC 120V for UL cUL AC 110-240V for other |

Regulation and Standards Compliance

| | |
|-------------------------------|-----|
| VESA® Hole Spacing Compatible | Yes |
|-------------------------------|-----|

Sensing Features

| | |
|-------------------------|-----|
| LightSensor™ Technology | Yes |
|-------------------------|-----|

Service and Warranty Information

| | |
|-----------------------|-----------|
| Limited Warranty Term | 12 months |
|-----------------------|-----------|

TV System

| | |
|--|-----------------------------------|
| Channel Coverage (Analog) | VHF: 2-13/UHF: 14-69/ CATV: 1-135 |
| Channel Coverage (Digital Cable) | CATV: 1-135 |
| Channel Coverage (Digital Terrestrial) | VHF: 2-13/UHF: 14-69 |
| Color System | NTSC |
| Number of Tuners (Terrestrial/Cable) | 1(Digital/Analog) |
| TV System (Analog) | 12 months |
| TV System (Digital Cable) | Clear QAM |
| TV System (Digital Terrestrial) | ATSC |

Video

| | |
|--------------|---|
| Video Signal | 1080/24p (HDMI only) 1080/60i 1080/60p(HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only) |
|--------------|---|

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 |
| Clear Mode | Yes |
| Deep Color | Yes |
| Face Area Detection | Yes |
| Impulse Mode | Yes |
| Intelligent MPEG Noise Reduction | Yes |
| Intelligent Picture Optimizer | Yes |
| Motionflow™ Technology | Motionflow XR 960 |

| | |
|--------------------------------|----------------------------|
| MPEG Noise Reduction | Yes |
| PhotoTV HD | Yes |
| Picture Mode | Vivid |
| | Standard |
| | Custom |
| | Photo-Vivid |
| | Photo-Standard |
| | Photo-Original |
| | Photo-Custom |
| | Cinema1 |
| | Cinema2 |
| | Game-Standard |
| Game-Original | |
| Graphics | |
| Sports | |
| Animation | |
| Portable Game Mode | Fine Normal |
| | Portable Game1 |
| | Portable Game2 |
| Scene Optimized Energy Saving | Yes |
| SimulView™ | Yes |
| Super-resolution for Game Mode | Yes |
| Video Area Detection | Yes |
| Video Processing | X-Reality PRO |
| Wide Mode | Full |
| | Normal |
| | Wide Zoom |
| | Zoom |
| | Caption |
| | Normal/Full1 /Full2 for PC |

Weights and Measurements

| | |
|----------------------|---|
| Dimensions (Approx.) | TV Only: 48 7/8 x 28 1/2 x 2 1/2(1 1/2) inch (1241x723x61(37) mm) |
| | TV with Stand: 48 7/8 x 29 7/8 x 11 3/4 inch (1241x756x298 mm) |

Measurements (Approx.)

| | |
|----------------------------|--|
| Package Carton (W x H x D) | 1552 x824 x 167 mm/ 61 1/8 x 32 1/2 x 6 5/8 inches |
| TV only (W x H x D) | 1241x723x61(37) mm / 48 7/8 x 28 1/2 x 2 1/2(1 1/2) inch |
| TV with Stand (W x H x D) | 1241x756x298 mm / 48 7/8 x 29 7/8 x 11 3/4 inch |

Supplied Accessories

| | |
|--------------------------|---------------|
| 3D Glasses | TDG-BT400A x4 |
| AC Power Cord | Pigtail |
| Batteries | LR03+R03 |
| One-touch Remote Control | RMF-YD001 |

| | | | | | |
|------------------------|----------|-----------------------------|------------------------------|------------|------------|
| Operating Instructions | US | Table Top Stand | Separate (assembly required) | 3D Glasses | TDG-BT500A |
| Remote Control | RM-YD087 | Warranty Card | Yes (12 months) | | |
| Screws | Yes | Optional Accessories | | | |

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 smartphone with Wi-Fi® certified Miracast™ technology. Certain formats are not supported.
3. Requires 3D content, 3D player, HDMI® cable (at least 10.2 Gbps) sold separately.
4. Requires active internet connection and devices connected to the same wireless home network.
5. Requires Mobile High Definition Link-compatible smartphone to be connected to the TV with a Mobile High Definition Link cable, sold separately.
6. Requires compatible Near Field Communication (NFC)-enabled Xperia™ smartphone. Certain formats are not supported.
7. PS3 system and SimulView glasses sold sep.

© 2013 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, BRAVIA, X-Reality, Motionflow, Sony Tablet and the Sony make.believe logo are trademarks of Sony. PlayStation is a trademark of Sony Computer Entertainment Inc. TrackID is a trademark of Sony Ericsson Mobile Communications AB. Blu-ray Disc is a trademark. Android is a trademark of Google Inc. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. / Updated: May 2, 2013