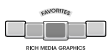


Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Motionflow™ 120Hz technology delivers natural motion
- Slim bezel, thinnest of Sony® BRAVIA HDTVs
- BRAVIA Engine™ 2 fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- Dynamic Video Noise Reduction
- 24p True Cinema™ capable
- DLNA® compliant² (RJ-45 Ethernet)
- 10-bit processor / 10-bit panel
- Deep Color (HDMI™ v1.3 option)
- Live Color Creation™ technology featuring the WCG-CCFL backlight
- Digital Media Port
- Xross Media Bar™ (XMB™) user interface
- TV Guide® Interactive Program Guide



Key Technologies

16:9 Full HD 1080p Resolution Panel 16:9 Full HD 1080p resolution panel (1920x1080) accepts any HDTV signal and renders it with optimum resolution.

Motionflow™ 120Hz technology Motionflow™ 120Hz technology doubles the number of frames in incoming video content by creating and inserting sixty entirely new frames between the existing sixty frames in real time. In addition to creating new frames, Motionflow™ 120Hz technology also includes an Image Blur Reduction algorithm, which reduces source image blur captured by the camera, as well as a de-juddering circuit to help reduce jerking and stuttering during sweeping pans. The end result is a smoother, more fluid motion that delivers a natural and realistic viewing experience.

BRAVIA Engine™ BRAVIA Engine™ fully digital video processor uses a collection of unique Sony® algorithms to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images.

Advanced Contrast Enhancer circuit (ACE) Advanced Contrast Enhancer circuit (ACE) dynamically improves contrast, resulting in deep blacks in darker scenes without losing fine details in shadows and other dark areas of the picture.

Dynamic Video Noise Reduction Dynamic Video Noise Reduction adaptive technology analyzes the motion, sharpness, and brightness of each scene in real time to identify various types of noise and reduce unwanted artifacts without compromising the video signal.

24p True Cinema™ capable 24p True Cinema™ mode enables you to enjoy films at their intended 24 fps (frames per second) when viewed using a 24p capable output device, such as a Blu-ray Disc™ player.

DLNA® compliant DLNA® (Digital Living Network Alliance) compliance allows BRAVIA® VL160-Series HDTVs to access digital photos from DLNA-enabled PCs and other devices².

10-bit processor / 10-bit panel 10-bit processor and 10-bit panel combine to create 64 times the levels of expression versus 8-bit panels, resulting in smoother transitions from color to color and faithful reproduction of subtle color changes.

Features

General

Closed Captions (CC): Analog / Digital
 On-Screen Display: XMB
 Illuminated Sony Logo: Yes
 Finish (Surface Color): Silver
 Supports Rear Mounting of DMEx™ Module: Yes
 BRAVIA® Link Module support: DMX-NV1, DMX-SW1, DMX-DVD, DMX-WL1

Display

Backlight Type: WCG-CCFL
 Display Device: LCD

Video

Video Processing: Bravia Engine 2™ Technology
 CineMotion® Reverse 3:2 Pull-down Technology: Yes
 Game Mode: Yes
 Wide Mode: Wide Zoom, Normal, Full (Full1-2 for PC), H Stretch, Zoom
 Deep Color: Yes
 3D Comb Filter: Yes
 PhotoTV HD: Yes
 MPEG Noise Reduction: Yes
 Live Color Creation™ Technology: Yes
 Auto Wide: Yes
 4:3 Default: Yes
 24p True Cinema™ Technology: Yes
 x.v.Color™ Technology: Yes
 Picture Mode: Vivid, Standard, Cinema, Custom, Video, Text; Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom
 Advanced Contrast Enhancer (ACE): Yes
 Image Blur Reduction: Yes
 Motionflow™ Technology: Motionflow™ 120Hz

Audio

Digital Amplifier: Yes
 Voice Zoom: Yes
 Auto SAP: Yes
 Auto Mute (on no signal): Yes
 Steady Sound® Automatic Volume Control: Yes
 Audio Out: Variable/Fixed
 Sony Original Surround: S-Force
 Stereo System: MTS
 Dolby®: Dolby® Digital
 Alternate Audio (Digital): Yes
 Sound Booster: Yes
 5.1 Channel Audio Out: Yes
 Sound Mode: Dynamic, Standard, Clear Voice
 5.1ch Through Out (Handycam): Yes

Convenience

Channel Jump: Yes
 Favorite Channel: Yes
 Multiple Language Display: English, French, Spanish
 Info Banner: TV Guide on Screen, PSIP, XDS
 Sleep Timer: Yes
 Input Skip: Automatic
 Channel Surf: Yes
 Channel Block (with password): Yes
 Edit Channel Labels: Yes
 Label Inputs: Yes
 ID-1 Detection: Yes
 On/Off Timer: Yes
 PAP (Picture & Picture): 1-Tuner
 USB Application(s): Music Player (mp3), Photo Viewer (jpeg)
 Theatre Mode (Theatre Button): Yes
 Show/Hide Channels: Yes
 PAP (Fixed or Variable): Fixed
 BRAVIA® Sync™ : Yes
 Parental Control: Yes

BRAVIA® Sync™ Menu Button: Yes (on Remote Control)
 Freeze: Yes
 On-Screen Display for External Input: Yes
 PIP (Picture in Picture): PC Input
 Channel Labels: Yes
 Program Block: Yes
 Auto Photo Mode: Yes (DLNA, USB)
 On-Screen Clock: Yes
 Picture Adjustments Lock: Yes
 White Balance: RGB Gain/Bias
 Favorites Menu: Graphic
 TV Guide On-Screen: Yes (Gemstar ver.9)

Network

DLNA: Client (Photo)

Specifications

Display

Viewing Angle (Right/Left): 178 (89/89)
 Viewing Angle (Up/Down): 178 (89/89)
 On-screen Contrast Ratio: 3,000:1
 Dynamic Contrast Ratio: 30,000:1
 Screen Size (measured diagonally): 46"
 Native Resolution: 1920 x 1080
 Display Resolution: 1920 x 1080p (Full HD)
 Panel Bit: 10-bit
 Aspect Ratio: 16:9
 Color Range (u'v'): 102% of NTSC
 Color Range (xy): 91% of NTSC

TV System

Tuner (Cable): Clear QAM
 Tuner (Terrestrial): ATSC™ / NTSC
 Channel Coverage: VHF: 2-13
 UHF: 14-69
 CATV (analog): 1-135
 CATV (digital) : 1-135
 TV System (Analog): M
 Number of Tuners (Analog): 1
 Number of Tuners (Digital): 1 (Hybrid)
 TV System (Digital): ATSC™
 Color System: NTSC 3.58

Video

Video Signal: 480/60i, 480/60p, 720/60p, 1080/60i, 1080/24p (HDMI™ only), 1080/60p (HDMI™ / Component)

Audio

Audio Power Output: 20W (10W x2)
 Speakers (Total): 2
 Speaker Configuration: Direct Speaker

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
 Composite Video Input(s): 3 (1 Side/2 Rear)
 Digital Audio Output(s): Optical Digital Output - 1 (Rear)
 RF Connection Input(s): 1 (Rear)
 S-Video Input(s): 1 (Rear)
 Analog Audio Input(s) (Total): 5 (1 Side/4 Rear)
 Audio Out: 1 (Rear)
 HDMI™ Connection(s) (Total): 4 (1 Side/3 Rear)
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear) see owner's manual for supported timings
 USB 2.0: 1 (Side)
 HDMI™ PC Input: Yes (see owner's manual for supported timings)
 S-Video Detection: Yes
 AC Power Input: 1 (Rear)
 Digital Media Port: 1 (Rear)
 Ethernet Connection(s): 1 (Rear)
 Analog Audio Input(s) for HDMI™ : 1 (Rear)
 USB 1.1: 1 (Rear) for DME^x/Service only

Power

Power Consumption (in Standby): Less than 0.1W (120VAC)
 Power Requirements (voltage): AC 120-240V
 Power Requirements (frequency): 50/60Hz
 Power Consumption (in Operation) max.: 285W (max)

Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes
 VESA® Hole Pitch: 300x300 M6

Service and Warranty Information

Limited Warranty Term: 2 Years Labor / 2 Years Parts

Energy Saving & Efficiency

LightSensor™ Technology: Yes
 Power Saving Modes: Yes
 Energy Star® compliant: Exceeds Energy Star® version 3.0 by at least 15%
 Dynamic Backlight Control: Yes
 Backlight Off Mode: Yes
 PC Power Management: Yes
 Estimated Annual Energy Consumption (kWh): 339kWh
 Power Consumption (On Mode) for Energy Star: 185.3 W
 Power Consumption (Standby Mode) for Energy Star: 0.1W

Dimensions

Weight: 58 lbs. (26kg) with pedestal; 49 lbs. (22kg) without pedestal
 Measurements: 42 1/2 x 29 x 12 1/8 in (1079 x 734 x 307mm) with pedestal; 42 1/2 x 27 1/8 x 3 in (1079 x 686 x 74mm) without pedestal

Optional Accessories

RM-YD024 Remote Control
 Batteries (Type AA x 2)
 AC Power Cord (separate)
 Screws (4) for Table Top Stand
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Table Top Stand (separate, assembly required)

Optional Accessories

SU-FL71M Stand
 SU-WL500 Wallmount Bracket

UPC Code: 027242771581

- Limited to resolutions supported by both the PC and the Sony® HDTV. See Sony® HDTV users manual and PC documentation for the supported resolutions.
- Media streaming requires a PC with Microsoft® Windows XP, SP2 or later, or DLNA-compliant media server. Home network required and sold separately.
- Requires BRAVIA® Link modules, sold separately.
- BRAVIA® Sync works with select Sony home theater products. Please refer to owner's manual for compatibility.

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