

Super Tech Promotion Individual Prize Descriptions



KDL32BX420

Sony 32" BRAVIA® BX420-Series HDTV

- Brilliant Full High Definition (1080p) picture quality
- 5 HD Inputs to connect multiple HD devices
- Share photos, music & videos using the USB Input
- Customized picture & sound settings
- Automatic picture adjustment based on room lighting

Features

Full HD 1080p Resolution

- Experience amazing Full HD 1080p picture quality, the highest at-home resolution. Take full advantage of HD sources like a Blu-ray Disc™ Player or PlayStation®3 gaming console via the 16:9 wide screen panel (1920 x 1080).

5 HD Inputs

- Get versatile HD connection options with five HD inputs, including two HDMI™ inputs, two HD component inputs provide added HD-capable connectivity in addition a PC input (HD-15 pin) lets you use your HDTV as a computer monitor.

USB Input

- 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.

Scene Select

- Easily manage your settings for the best HDTV experience with Scene Select. Choose from five different packages each with preconfigured picture and audio settings, including Sports, Photo, Game, Cinema and Music.

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.

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.

Specifications

Audio

- Audio Power Output: 8W + 8W

Audio Features

- 5.1 Channel Audio Out: Yes
- 5.1ch Through Out (Handycam): Yes
- Alternate Audio (Digital): Yes
- Audio Out: Fixed
- Auto Mute (on no signal): Yes
- Auto SAP: Yes
- Dolby®: Dolby Digital
- Invisible Speaker (w/Sound Elevation): Yes
- Sound Mode: Dynamic, Standard, Clear Voice, Custom
- SteadySound® Automatic Volume Control: Yes
- Stereo System: MTS
- Surround Effect: Cinema, Game, Music, Sports

Convenience Features

- Auto Shut-off: Yes
- BRAVIA® Sync™: Yes
- Channel Block (with password): Yes
- Channel Jump: Yes
- Channel Surf: Yes
- Control for HDMI™ (HDMI™ CEC): Yes
- Edit Channel Labels: Yes
- Favorites (Simple UI): Yes
- Info Banner: Yes
- Input Skip: Manual
- Label Inputs: Yes
- Multiple Language Display: English, French, Spanish
- On-Screen Display for External Input: Yes
- PIP (Picture in Picture): Yes
- Parental Control: Yes

- Picture Adjustments Lock: Yes
- Picture Frame Mode: Yes
- Scene Select: Photo, Music, Cinema, Game, Graphics, Sports, General
- Show/Hide Channels: Yes
- Sleep Timer: Yes
- USB Application(s): Yes

Display

- Aspect Ratio: 16:9
- Display Resolution: Full HD 1080p
- Panel Frequency: 60Hz
- Screen Size (measured diagonally): 32" (31.5")
- Viewing Angle (Right/Left): 176°
- Viewing Angle (Up/Down): 176°

Display Features

- Backlight Type: CCFL
- Display Device: LCD

Energy Saving & Efficiency

- Backlight Off Mode: Yes
- Dynamic Backlight Control: Yes
- Energy Star® compliant: Yes (Exceeds v4.1)
- Power Consumption (On Mode) for Energy Star: 71W
- Power Consumption (Standby Mode) for Energy Star: 0.3W

General Features

- Closed Captions (CC): Analog, Digital
- Finish (Surface Color): Black
- Start Up Sony Logo Display: Yes

Inputs and Outputs

- AC Power Input: 1 (Rear)
- Analog Audio Input(s) (Total): 3 (1 Side/ 2 Rear)
- Audio Out: 1 (Rear)
- Component Video (Y/Pb/Pr) Input(s): 1 (Rear/Hybrid)
- Composite Video Input(s): 2 (1 Side/1 Rear/Hybrid)
- Digital Audio Output(s): 1 (Rear)
- HDMI™ Connection(s) (Total): 2 (Rear)
- HDMI™ PC Input: Yes
- PC In (D-Sub) + Audio In (Stereo Mini): D-Sub 1(Side), Mini 1(Rear)
- RF Connection Input(s): 1 (Rear)
- USB 2.0: 1 (Side)

Power

- Power Consumption (in Operation) max.: 115W
- Power Consumption (in Standby): 0.25W (120V) / 0.35W (240V)
- Power Requirements (frequency): 60Hz for UL,cUL; 50/60Hz for other
- Power Requirements (voltage): AC 120V for UL,cUL; AC 110-240V for other

Recycled & Recyclable Materials

- Packaging Materials: Recycled Carton (more than 40%)

Regulation and Standards Compliance

- VESA® Hole Pitch: 200x200 mm
- VESA® Hole Spacing Compatible: Yes

Sensing Features

- LightSensor™ Technology: Yes

Service and Warranty Information

- Limited Warranty Term: 1 Year Labor / 1 Year Parts

TV System

- Channel Coverage: VHF: 2-13, UHF: 14-69, CATV: 1-135
- Color System: NTSC
- Number of Tuners (Analog): 1
- Number of Tuners (Digital): 1
- TV System (Analog): M
- TV System (Digital): ATSC
- Tuner (Cable): Clear QAM
- Tuner (Terrestrial): 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
- CineMotion® Reverse 3:2 Pulldown Technology: Yes
- Live Color™ Technology: Yes
- MPEG Noise Reduction: Yes
- Picture Mode: Cinema, Game-Original, Game-Standard, Graphics, Photo-Custom, Photo-Original, Photo-Standard, Photo-Vivid, Sports, Standard, Vivid

- Wide Mode: Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC

Weights and Measurements

- Dimensions (Approx.): 31 1/2 x 19 5/8 x 3 5/8" (800 x 496 x 91mm) without stand; 31 1/2 x 20 7/8 x 8 3/4" (800 x 528 x 220mm) with stand
- Packaging (Approx.): 34 7/8 x 23 x 7 1/4" (884 x 584 x 182mm); 28.7 lbs (13Kg)
- Weight (Approx.): 20.1 lbs (9.1Kg) without stand; 23.6 lbs (10.7 Kg) with stand

Supplied Accessories

- Remote Control (RM-YD065)
- AC Power Cord (attached)
- Table Top Stand (separate, assembly required)

Optional Accessories

- Wallmount Bracket (SU-WL500)

Legal

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony BRAVIA, BRAVIA Sync, and LightSensor are trademarks of Sony. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.



SGPT111US/S
Sony® Tablet S

- Running latest Android™ operating system.
- Control the living room with the built-in Universal IR remote.
- Share, view and transfer personal video, photos and music to your DLNA compatible PC, TV or speakers.
- Tablet optimized network entertainment services from Sony.
- Rent or purchase new release movies with Video Unlimited.
- Over 6 million songs on Music Unlimited.
- Access eBooks through Reader™ Store.
- PlayStation® Certified with pre-loaded games.
- Brilliant 9.4” LED-lit TruBlack™ display offers vibrant colors and deeper blacks.
- Wi-Fi® and Bluetooth® connectivity.
- Swift and smooth performance - Saku Saku™ interface for quick web page access and responsive touch panel operation.
- Unique wrap design makes the product easier to hold in one hand.
- Front and rear facing cameras allow for video recording and capturing still images (Rear Camera: 5 megapixel, Front Camera: 0.3 megapixel).
- Social Feed Reader allows for at-a-glance viewing of pre-selected social media updates.
- SelectApp site highlights new and unique Android™ applications in a number of categories.
- Supports USB (Micro A/B) interface, and SD card for transferring files and data.

Features

Customize with Android Market™

- With access to the Android Market™, you can browse through thousands of useful time-saving and entertaining apps. There’s also instant access to Google™ mobile services and applications including 3D maps and easy web search with

Google Voice Search. Download what you want and make your Tablet truly yours.

Universal Remote Control

- Having difficulty remembering which remote control goes with which device? Let Tablet S solve that for you! Whether it's your TV, Blu-ray Disc™ player, stereo or cable box, you can control all of them right from your Sony® Tablet. The Tablet S built-in Universal remote not only controls your Sony products, but other brands as well.

Instant Access to Hit Movies

- Video Unlimited is your ticket to instant entertainment. Featuring a catalog of the latest releases from every major studio to rent or own, Video Unlimited offers you instant access to hit movies direct to your living room.

No Monthly Subscriptions or Late Fees

- With Video Unlimited, you'll never have to worry about returning a disc or paying a monthly subscription fee for instant access to your movies or rentals anywhere, anytime.

Millions of Songs – Instantly

- Music Unlimited offers you instant access to millions of songs from every major label. Forget syncing MP3 files across multiple devices, simply sync to the cloud once and enjoy the music you love on any PC and a variety of Internet-enabled Sony devices. Enjoy timeless favorites or dare to try something new - all without paying for each track or album.

Get your game on with PlayStation®

- The first PlayStation® Certified tablet that provides out-of-the-box gaming with PlayStation favorites Crash Bandicoot and Pinball Heroes, plus download more classic PSone™ and PSP™ game titles online.

Build your Library

- Access bestsellers, new releases, magazines, comics and more from over 2 million titles available at Reader™ Store from Sony. The intuitive interface is ideal for on-the-go reading, allowing you to make bookmarks and highlights, plus adjust font sizes as you read. With Sony® Tablet, you can take your favorite eBooks on the go.

Sony's brilliant TruBlack™ display

- By controlling the refraction of light between the LCD and the screen, Sony's TruBlack™ panel provides more vibrant colors, deeper blacks, and a totally amazing image. Enjoy exploring your connected world even more with the beautiful display offered by Sony's unique panel display technology.

Enhanced Speed and Responsiveness

- Sony's latest software technology brings you fast web browsing, responsive touch panel, and exceptionally intuitive user interface.

Ergonomic design to fit your hand

- With so many things you can do with Sony® Tablet, you need a comfortable and easy design to carry the device for long periods of time. Specially designed to ergonomically fit your hand, this unique form factor shifts the device's weight closer to your palm making it feel lighter and more comfortable while reading a

book, or watching a video. In addition, this design provides a more natural angle for typing and browsing when set flat on a table.

Specifications

Convenience

- Remote Control Functions: IR remote control function

Display

- Resolution: 1280 x 800
- Screen Size: 9.4"

Hardware

- Camera: Front – 0.3 Megapixel Rear – 5.0 Megapixel

Inputs and Outputs

- Headphone Output: 1
- MicroUSB: 1

Memory

- External Memory: Full-size SD Card slot (for media exchange only)
- Installed Memory: 16GB
- Internal Memory: 1GB

Power

- Battery Type: Li-Ion 5100mAh

Processor

- Processor Type: NVIDIA Tegra2

Software

- Operating System: Android Honeycomb

Wireless/Networking

- Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)
- Wi-Fi: IEEE802.11b/g/n

Weights and Measurements

- Dimensions (Approx.): 9.5” L x 6.8” W x 0.3”D
- Weight (Approx.): 1lb. 5oz.

Footnotes

1. Requires monthly subscription. Sync requires that music content exist in the service library. Copy protected content is not supported.
2. Certain formats and copy protected content are not supported.

3. Not all manufacturer remote codes and products supported. Remote can be taught commands from IR based remote control products.

Legal

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Reader, TruBlack and Fluid Touch are trademarks of Sony. PlayStation, PSone and PSP are trademarks of Sony Computer Entertainment Inc. Google, Google Books, Android and Android Market are trademarks of Google Inc. Bluetooth is a trademark of Bluetooth SIG, Inc. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice.

*Logo mentions need to be included if logo shown or listed in copy



PlayStation®3 160GB system

Features

It Only Does Everything™

- While the form factor may have changed, the new slimmer and lighter PlayStation®3 160GB system still comes with free PlayStation®Network membership, integrated Wi-Fi and 160GB of hard disk drive storage for your games, music, videos and photos. Plus, every PS3™ system comes with a built-in Blu-ray Disc™ player to give you pristine picture quality and the best high-definition viewing experience available. Whether it's gaming, Blu-ray movies, CDs, DVDs, music or online services, you can experience it all with the PlayStation®3 system.
- Note: This model will not play PlayStation® 2 games, but is backwards compatible with select PS one™ games.
- PlayStation®3 and PSP® play nice together. Easily exchange media like photos, videos and music from your PlayStation®3 system to your PSP® system. Plus, get ready to witness an explosion in creativity as developers take on the challenge of integrating the PSP system into PlayStation®3 games.
- Not all video and audio formats may be supported.

** Online connectivity requires broadband internet service and network devices such as a DSL or cable modem.

- Video output in HD requires cables and an HD-compatible display, both sold separately. Full HD 1080p requires an HDMI cable and a 1080p native display with an HDMI input supporting HDCP. Copy-protected Blu-ray video discs can only output at 1080p using an HDMI cable connected to a device that is compatible with the HDCP standard.

Specifications

Hard Drive

- 2.5' Serial ATA (160GB)

Communication

- Ethernet (10BASE-T, 100BASE-TX, 1000BASE-T) IEEE 802.11 b/g Wi-Fi*
- Bluetooth 2.0 (EDR)
- Wireless Controller Bluetooth (up to 7)

A/V Output

- Screen size: 480i, 480p, 720p, 1080i, 1080p
- HDMI**: HDMI + Bravia Sync
- Analog: AV MULTI OUT x 1
- Digital audio: DIGITAL OUT (OPTICAL) x 1
- Blu-ray/DVD/CD DRIVE "read only"

I/O

- USB 2.0 X 2

CPU

- Cell Broadband Engine™

GPU

- RSX

Memory

- 256MB XDR Main RAM
- 256MB GDDR3 VRAM

Backwards Compatibility

- Due to the availability of an extensive line-up of PS3™ system titles, the 160GB PS3™ system is not backwards compatible with PlayStation®2 titles, but does maintain backwards compatibility for some original PlayStation® titles.

Weight & Dimensions

- Approximately 11.42" (W) x 2.56" (H) x 11.42" (D)
- Approximately 7.055 lbs

Supplied Accessories

- DUALSHOCK®3 wireless controller
- AC power cord
- AV cable
- USB cable



MHSFS3

Sony Bloggie Pocket HD Camera w/ 3D Video/Still Capture

- 3D video and still image recording capability
- 3D viewing directly on 2.4" LCD, no need for 3D glasses
- 1920x1080p MP4 HD video w/5MP still images
- Full-screen vertical/horizontal record/playback on 2.4" LCD
- Up to 4 hrs of 2D HD video w/ 8GB of internal memory
- Slim design with sleek finish and simplified operation
- Flip-out USB arm for upload/charge
- Integrated software with Facebook®, YouTube™, Personal Space™ & others
- Tag videos to upload and share automatically later
- SteadyShot® image stabilization
- Auto-Macro shooting and 4x digital zoom
- Sony® Exmor™ CMOS sensor for high-quality video/stills
- Face Detection technology for video and stills
- Built-in rechargeable battery
- HDMI™ output with 3D support
- Built-in LED Light

Features

3D video and still image recording capability

- The Bloggie® 3D comes with dual lenses for recording high-definition 3D video and still images. Playback your 3D content via a 3D capable HDMI™ cable (sold separately) and compatible 3D HDTV right from your camera.

3D viewing directly on 2.4" LCD, no need for 3D glasses

- The LCD is also 3D ready, enabling you to view your 3D content directly on the camera's LCD without the need for 3D glasses.

1920x1080p MP4 HD video w/5MP still images

- The Bloggie® 3D camera lets you record your favorite moments in High Definition MP4 (H.264) format and features a 5MP CMOS sensor that lets you take crisp 5MP still images (2D) and 2MP 3D still photos.

Full-screen vertical/horizontal record/playback on 2.4” LCD

- The 2.4” LCD will rotate its orientation automatically; however you hold the camera – horizontally, vertically, even upside down.

Up to 4 hours HD video with 8GB of internal memory⁴

- Record and store up to four hours of 2D high-definition video footage (default setting) to the camera’s 8GB of built-in flash memory.⁴

Slim design with sleek finish and simplified operation

- The slender body with its low-profile and simplified buttons give the Bloggie® 3D camera a sleek look and feel and at only 4.2 oz it’s easy to take with you everywhere.

Flip-out USB arm for upload/charge

- A built-in USB arm easily flips-out and lets you connect your camera directly to your compatible PC to upload video and/or charge your battery without having to hunt for cables.

Tag videos to upload and share automatically later

- The Bloggie® 3D camera comes with pre-installed software that makes it easy to tag videos and images in the camera while on the go and mark them for upload to your favorite internet sharing sites, like Facebook®, YouTube™, or Personal Space™ the next time the camera is connected to a computer.

SteadyShot® image stabilization

- SteadyShot® image stabilization helps reduce blur caused by camera shake.

Auto-Macro shooting and 4x digital zoom⁶

- With the Bloggie® 3D camera you’ll be able to take pictures or video from as little as 4” away⁶, perfect for capturing a business card or a new friend’s phone number.

Sony® Exmor™ CMOS sensor for high-quality video/stills

- The Bloggie® 3D camera’s Exmor™ CMOS sensor delivers high-quality video and pictures with less grain, even in challenging lighting conditions.

Face Detection technology for video and stills⁶

- Face Detection technology recognizes faces and optimizes camera settings for both video and still images⁶, so faces are captured more clearly and skin tones look more natural.

Built-in rechargeable battery

- The built-in battery contributes to the Bloggie® 3D camera's sleek and stylish design while powering the large 2.4" screen and camera functions.

HDMI™ output with 3D support

- With HDMI™ output, you'll be able to share your HD Bloggie® 3D video with friends and family on your 3D HDTV (3D HDMI cable required/not included).

Built-in LED Light

- The Bloggie® 3D camera features an LED light that can assist in low-light situations giving you more flexibility when capturing your video.

Specifications

Imaging Sensor

- Imaging Sensor: 1/4" (4.5mm) Exmor CMOS Sensor
- Processor: DSP
- Pixel Gross: 5.15MP
- Effective Picture Resolution: 5.03MP
- Color Filter System: RGB primary color filters

Recording

- Media Type: Approx. 8GB Internal memory
- Still Image Mode: JPEG
- Still Image Max Effective Resolution: Approx. 5.03 Megapixels
- Still Image Size 16:9: 3.1M (2356 x 1324) / 0.4M (854x480)
- Still Image Size 3:2: No
- Still Image Size 4:3: 2D: 5M (2,592 x 1,944) / 3D: 2M x2 (1920 x 1080 x 2)
- Panorama Still Image Size: No
- Sweep Multi Angle Image Size: No
- Video Format: MP4 / MPEG-4 AVC/H.264
- Video Mode: 1920 x 1080 (29.97fps, Progressive) 1280 x 720 (59.94fps, Progressive) 1280 x 720 (29.97fps, Progressive) 3D: 1920 x 1080, (29.97fps, Progressive)
- Recording and Playback Times: 3D: 1080/30p = 80 min.; 2D: 1080/30p = 80 min., 720/60p = 160 min., 720/30p = 240 min.
- Dual Record: Yes
- Audio Format: MPEG4-AAC
- Microphone/Speaker: Stereo / Mono

Optics/Lens

- Lens Type: Sony® Lens
- Aperture (Max.): F2.8
- Digital Zoom: Yes

Super Tech Individual Prize Descriptions

- Focal Length (35mm equivalent): Still 16:9: 47mm / Still 4:3: 41mm / Movie 16:9: 47mm
- Lens Construction: 4 elements in 4 groups
- Minimum Focus Distance: 4" (10cm) to infinity

LCD Display

- LCD Type: 2.4" (6.0cm) TFT LCD (230,400 pixels)

Exposure System

- ISO: Auto
- White Balance Mode: Auto

Drive System

- Self-timer: Off / 2sec. / 10sec.
- Shutter Speeds: Auto (1/30-1/4000)

Convenience Features

- Date / Time Stamp: Yes / Yes
- Erase/Protect: Yes (Internal Memory One / Select)
- Media/Battery Indicator: Yes / Yes

Advanced Features

- Face Detection: 8 Faces (Auto) *2D only
- Image Stabilization: SteadyShot® Image stabilization

Interface

- USB Port(s): Hi-Speed USB arm (USB 2.0)

Power

- Battery Type: NP-SP70 3.6V
- Battery Capacity: typical: 3.6Wh (1000mAh), minimum: 3.4Wh (925mAh)
- Power Consumption (in Operation): Approx. 2.2W

Software

- Supplied Software: Bloggie Software v1.3 / Share-it-Later
- Operating System Compatibility: Windows: Windows(R) XP SP3 (32bit only), Windows Vista(R) SP2, Windows 7; Mac: Mac OS X(v10.3-v10.6)

Inputs and Outputs

- HD Output: HDMI (mini; 2D / 3D)
- Basic Specifications
- Weights and Measurements
- Dimensions (Approx.): W x H x D: 2 1/4" x 4 3/8" x 11/16" (55.0mm x 108.0mm x 17.3mm)
- Weight (Approx.): Approx 4.2 oz. (120g)

Supplied Accessories

- USB connection support cable
- Wrist Strap

Weights and Measurements

- Weight (Approx.): Approx. 120g (4.2oz.)
- Dimensions (Approx.): 55.0mm x 108.0mm x 17.3mm (2 1/4" x 4 3/8" x 11/16")

Footnotes

1. Requires PC with internet. Not compatible with 64-bit environments.
2. Actual battery life may vary based on product settings, usage patterns and environmental conditions. Battery capacity decreases over time and use.
3. 3D viewing on 3D HDTV requires 3D glasses and 3D HDMI cable, both sold separately.
4. 8GB equal 8 billion bytes. A portion of the memory is used for data management functions. Actual capacity is approximately 7.7GB. Maximum single clip time is 29 min before a new clip is started.
5. Function only works in 2D mode.

Legal

© 2010 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony is not responsible for typographic and photographic errors. Features and specifications are subject to change without notice. Sony, Bloggie, Exmor, SteadyShot, and Personal Space are trademarks of Sony. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners.

*Logo mentions need to be included if logo shown or listed in copy



DVPFX970
Sony Portable DVD Player

- 9-inch (diag.), high-resolution, widescreen LCD
- 6 -hour rechargeable battery¹
- 180-degree swivel, flip screen
- USB Port to enjoy movies, music and pictures on the go
- Touch key controls on bezel for easy, convenient operation
- Car battery adaptor, AV cable and remote included
- AV input and output
- Multiple format disc playback³
- 2 built-in headphone jacks²
- Selectable Sound modes for enhanced listening

Features

9-inch (diag.), high-resolution, widescreen monitor:

- Enjoy entertainment on the go with the Sony® DVP-FX970 portable DVD player, featuring a nine-inch, high-resolution, widescreen LCD (800 x 480 resolution).

6- hour rechargeable battery:

- With up to 6-hours of battery life, the Sony® DVP-FX970 portable DVD player lets you watch approximately three full-length movies before having to recharge.¹

180-degree swivel and flip screen:

- A convenient 180-degree swivel, flip screen allows you to watch your DVDs from almost any angle.

USB Port:

- Allows for easy, convenient viewing of videos, photos and music listening from a USB device.

Touch keys on bezel for easy operation:

- Easy-to-access touch keys are conveniently located on the bezel surrounding the player's screen.

Multiple format disc playback:

- View movies and photos and listen to music with multiple format playback.³

2 built-in headphone jacks:

- Share your entertainment with friends and family with two built-in headphone jacks².

Car adaptor included:

- Included car adaptor helps make sure your DVD player is always ready to go no matter how long the road trip.

A/V input and output:

- Plug the DVP-FX970 into your TV using the A/V output, and included A/V cable, and it instantly becomes a standard DVD player for the home.

Specifications

Audio Features

- Dolby®: Dolby® Surround Down Mix

Convenience Features

- Auto Power Off: Yes
- Background Graphics: Yes
- Child Lock: Yes
- Closed Caption: Yes
- Multiple Language Display: English (Default)
- Multiple Language Display: Spanish
- Parental Control: Yes
- Screen Saver: Yes

Display Features

- Dot: 800 x 480
- LCD Mode: Full/Zoom/Normal
- LCD Picture Parameter Adjustment(s): Aspect (Full/Zoom/Normal)
- LCD Picture Parameter Adjustment(s): Back light
- LCD Picture Parameter Adjustment(s): Contrast
- LCD Picture Parameter Adjustment(s): Color
- LCD Picture Parameter Adjustment(s): Hue
- LCD Size: 9 inch Diag.
- LCD Type: Wide Screen
- Swivel LCD: Yes

General

- Colors: Black
- Model Name: DVP-FX970

General Features

- Color System: NTSC
- Region Code: 1
- Start Up Screen: Yes

Inputs and Outputs

- Analog Audio Input(s) / Output(s): 1 (Mini)
- DC Input(s): 1
- Headphone Output(s): 2 (Mini)
- USB Input(s): 1
- Video Input(s) / Output(s): 1 (Mini)

Playback Features

- A-B Repeat: Yes (exc. VR mode)
- Instant Advance: Yes
- Instant Replay: Yes
- Repeat (CD): Track
- Repeat (CD): All
- Repeat (DVD): Title
- Repeat (DVD): Chapter
- Repeat (DVD): All
- Resume: Yes (1 disc)
- Skip: FWD/REV

Power

- Power Voltage: 100-240V

Rechargeable Battery

- Playing Time: Approx 6 Hours

Supported Media

- CD (CD-DA): Yes
- CD-R/-RW: Yes
- DVD Camcorder 8cm DVD: Yes
- DVD+R: Yes
- DVD+R Double Layer: Yes
- DVD+RW: Yes
- DVD-R: Yes
- DVD-R Dual Layer: Yes
- DVD-RW: Yes

- DVD-Video: Yes
- JPEG Playback: DVD-R/-RW/-R DL
- JPEG Playback: DVD+R/+RW/+R DL
- JPEG Playback: CD-R/-RW
- KODAK Picture CD: Yes
- MP3 Playback: DVD-R/-RW/-R DL
- MP3 Playback: DVD+R/+RW/+R DL
- USB Memory: Yes
- Video CD: Yes

Video Features

- Black Level Set up: Yes

Supplied Accessories

- AC Adaptor: Yes
- AV Cable: Yes
- Batteries: Type AA x 2 (manganese)
- Car Battery Charger: Yes
- Customer Registration Card: Yes
- Instruction Manual: Yes
- Instruction Manual Language: English
- Instruction Manual Language: Spanish (Simple)
- Remote Control: RMT-D195
- Warranty Card: Yes

Measurements (Approx.)

- Dimension (W x H x D): 8.7 x 1.7 x 6.8 in (223 x 44 x 173mm)

Footnotes

1. Estimated battery life of 6 hours under the following conditions: LCD backlight minimum, using headphones (no built-in speaker), at room temperature. Actual time may vary based on product settings, usage patterns, operating environment and battery condition.
2. Headphones sold separately.
3. DVD media/formats are not universally compatible.

Legal

© 2010 Sony Electronics Inc. All rights reserved. Sony is a trademark of Sony. Dolby Digital logo is a registered trademark of Dolby Laboratories. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. All weights and measures are approximate.

Super Tech Promotion
Super Prize Descriptions



KDL46BX420

Sony 46" BRAVIA® BX420-Series HDTV

- Brilliant Full High Definition (1080p) picture quality
- 5 HD Inputs to connect multiple HD devices
- Share photos, music & videos using the USB Input
- Customized picture & sound settings
- Automatic picture adjustment based on room lighting

Features

Full HD 1080p Resolution

- Experience amazing Full HD 1080p picture quality, the highest at-home resolution. Take full advantage of HD sources like a Blu-ray Disc™ Player or PlayStation®3 gaming console via the 16:9 wide screen panel (1920 x 1080).

5 HD Inputs

- Get versatile HD connection options with five HD inputs, including two HDMI™ inputs, two HD component inputs provide added HD-capable connectivity in addition a PC input (HD-15 pin) lets you use your HDTV as a computer monitor.

USB Input

- 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.

Scene Select

- Easily manage your settings for the best HDTV experience with Scene Select. Choose from five different packages each with preconfigured picture and audio settings, including Sports, Photo, Game, Cinema and Music.

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.

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.

Specifications

Audio

- Audio Power Output: 8W + 8W

Audio Features

- 5.1 Channel Audio Out: Yes
- 5.1ch Through Out (Handycam): Yes
- Alternate Audio (Digital): Yes
- Audio Out: Fixed
- Auto Mute (on no signal): Yes
- Auto SAP: Yes
- Dolby®: Dolby Digital
- Invisible Speaker (w/Sound Elevation): Yes
- Sound Mode: Dynamic, Standard, Clear Voice, Custom
- SteadySound® Automatic Volume Control: Yes
- Stereo System: MTS
- Surround Effect: Cinema, Game, Music, Sports

Convenience Features

- Auto Shut-off: Yes
- BRAVIA® Sync™: Yes
- Channel Block (with password): Yes
- Channel Jump: Yes
- Channel Surf: Yes
- Control for HDMI™ (HDMI™ CEC): Yes
- Edit Channel Labels: Yes
- Favorites (Simple UI): Yes
- Info Banner: Yes
- Input Skip: Manual
- Label Inputs: Yes
- Multiple Language Display: English, French, Spanish
- On-Screen Display for External Input: Yes
- PIP (Picture in Picture): Yes
- Parental Control: Yes

Super Tech Super Prize Descriptions

- Picture Adjustments Lock: Yes
- Picture Frame Mode: Yes
- Scene Select: Photo, Music, Cinema, Game, Graphics, Sports, General
- Show/Hide Channels: Yes
- Sleep Timer: Yes
- USB Application(s): Yes

Display

- Aspect Ratio: 16:9
- Display Resolution: Full HD 1080p
- Panel Frequency: 60Hz
- Screen Size (measured diagonally): 46"
- Viewing Angle (Right/Left): 176°
- Viewing Angle (Up/Down): 176°

Display Features

- Backlight Type: CCFL
- Display Device: LCD

Energy Saving & Efficiency

- Backlight Off Mode: Yes
- Dynamic Backlight Control: Yes
- Energy Star® compliant: Yes (Exceeds v4.1)
- Power Consumption (On Mode) for Energy Star: 117W
- Power Consumption (Standby Mode) for Energy Star: 0.3W

General Features

- Closed Captions (CC): Analog, Digital
- Finish (Surface Color): Black
- Start Up Sony Logo Display: Yes

Inputs and Outputs

- AC Power Input: 1 (Rear)
- Analog Audio Input(s) (Total): 3 (1 Side/ 2 Rear)
- Audio Out: 1 (Rear)
- Component Video (Y/Pb/Pr) Input(s): 1 (Rear/Hybrid)
- Composite Video Input(s): 2 (1 Side/1 Rear/Hybrid)
- Digital Audio Output(s): 1 (Rear)
- HDMI™ Connection(s) (Total): 2 (Rear)
- HDMI™ PC Input: Yes
- PC In (D-Sub) + Audio In (Stereo Mini): D-Sub 1(Side), Mini 1(Rear)
- RF Connection Input(s): 1 (Rear)
- USB 2.0: 1 (Side)

Super Tech Super Prize Descriptions

Power

- Power Consumption (in Operation) max.: 210W
- Power Consumption (in Standby): 0.25W (120V) / 0.35W (240V)
- Power Requirements (frequency): 60Hz for UL,cUL; 50/60Hz for other
- Power Requirements (voltage): AC 120V for UL,cUL; AC 110-240V for other

Recycled & Recyclable Materials

- Packaging Materials: Recycled Carton (more than 40%)

Regulation and Standards Compliance

- VESA® Hole Pitch: 300x300 mm
- VESA® Hole Spacing Compatible: Yes

Sensing Features

- LightSensor™ Technology: Yes

Service and Warranty Information

- Limited Warranty Term: 1 Year Labor / 1 Year Parts

TV System

- Channel Coverage: VHF: 2-13, UHF: 14-69, CATV: 1-135
- Color System: NTSC
- Number of Tuners (Analog): 1
- Number of Tuners (Digital): 1
- TV System (Analog): M
- TV System (Digital): ATSC
- Tuner (Cable): Clear QAM
- Tuner (Terrestrial): 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
- CineMotion® Reverse 3:2 Pulldown Technology: Yes
- Live Color™ Technology: Yes
- MPEG Noise Reduction: Yes
- Picture Mode: Cinema, Game-Original, Game-Standard, Graphics, Photo-Custom, Photo-Original, Photo-Standard, Photo-Vivid, Sports, Standard, Vivid

Super Tech Super Prize Descriptions

- Wide Mode: Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC

Supplied Accessories

- Remote Control (RM-YD065)
- AC Power Cord (attached)
- Table Top Stand (separate, assembly required)
- Optional Accessories
- Wallmount Bracket (SU-WL500)

Weights and Measurements

- Dimensions (Approx.): 44 1/8 x 26 5/8 x 3 7/8" (1120 x 674 x 97mm) without stand; 44 1/8 x 27 7/8 x 11 5/8" (1120 x 707 x 294mm) with stand
- Packaging (Approx.): 47 3/8 x 30 1/8 x 7 1/2" (1203 x 764 x 188mm); 52.9 lbs (24 Kg)
- Weight (Approx.): 39.0 lbs (17.7 Kg) without stand; 44.3 lbs (20.1 Kg)

Legal

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony BRAVIA, BRAVIA Sync, and LightSensor are trademarks of Sony. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.



NEXC3A/B
Sony NEX-C Camera

- The quality of a DSLR in about half the size and weight
- World's smallest interchangeable lens camera with a large APS-C sensor³
- Same APS-C sensor size, same resolution as Alpha DSLRs
- 16.2 MP Exmor™ APS HD CMOS image sensor
- Up to 5.5 fps shooting to capture the decisive moment
- Best in class ISO 12800 sensitivity for clear low-light images
- HD movie shooting at 720/30p1
- 3D Sweep Panorama™ Mode: incredible views to enjoy on 3DTV4
- 6-image layering: Anti Motion Blur & Hand-held Twilight
- Auto HDR captures more contrast than one exposure can
- Live View on the LCD; what you see is what you get
- Tilttable 3.0" LCD , 921K pixels, TruBlack™ screen
- Contrast Auto Focus takes just 0.3 seconds, on average
- Intelligent Auto Focus pre-focuses as you compose
- iAUTO mode, you get the right settings automatically
- On-screen Help Guide explains modes and settings
- On-screen Shooting Tips help you shoot like a pro
- LCD tilts down 45°, up 80° for high-, low-angle shots
- Control Wheel + Customizable Soft Keys for fast, simple use
- Exmor™ APS HD CMOS image sensor: beautiful pictures
- BIONZ® image processor for high speed, low noise
- Dynamic Range Optimizer (DRO) elicits shadow detail
- Accepts Sony E-mount lenses
- Accepts A-mount lenses via LA-EA1 adaptor⁶
- 25-point Auto Focus covers varied shooting situations
- Multi-segment measuring for accurate exposure
- Manual Focus Assist for razor-sharp images
- Peaking function for precise manual focusing

Super Tech Super Prize Descriptions

- RAW image files maintain maximum latitude
- “Background Defocus” control for stunning shots
- Optical SteadyShot™ stabilization in selected lenses
- Image management and editing software included
- Face Detection technology captures faces naturally
- Smile Shutter™ technology automatically captures a smile
- HDMI® output with BRAVIA® Sync compatibility⁷
- 8 Scene Selection modes and 6 Creative Style settings
- 11 Picture Effect variations for more creative expression
- Photo Creativity provides easy access to image adjustments
- P/A/S/M operating modes; full manual control
- Advanced Anti-Dust Technology keeps imager clean
- Stamina™ battery power for up to 400 shots⁸
- Detachable flash unit is compact, yet powerful; GN 7
- Dual format media card slot (required, sold separately)
- PhotoTV HD compatibility⁹ for vivid playback on TV
- Index and Slide Show display

Features

Smallest in class

- This is the world’s smallest interchangeable lens digital still camera using an APS-C size sensor (as of June 2011). We removed the conventional mirror box, AF sensor and viewfinder, reducing the “flange back” distance from 44.5 mm to 18 mm. The result has all the quality of an α DSLR, in about half the size and weight.

Interchangeable lenses

- Compatible with Sony’s E-mount series of smaller, lighter lenses designed specifically for α compact interchangeable lens cameras. Opens up a world of creative options.

APS-C size HD image sensor

- The same sensor format that Sony builds into the full-sized α DSLRs. With 13 times the area of the typical image sensor, APS-C makes the difference between “snapshots” and “photographs,” delivering an exceptional combination of high resolution, high sensitivity and gorgeous, blurred backgrounds.

HD movie recording

- Capture vivid, lifelike HD movies in the PC-friendly MP4 format. Shoot 720/30p high definition or standard definition 480/30p.¹

16.2 megapixel resolution

Super Tech Super Prize Descriptions

- You get incredible detail and gorgeous enlargements. Thanks to the APS-C sensor size and Sony Exmor™ APS HD CMOS technology, the camera achieves high resolution with no penalty in low-light sensitivity or sensor noise.

Up to 5.5 frames per second

- Capture the decisive moment in sports and get the ideal baby photo. Up to 5.5 fps continuous shooting at full 16.2 MP resolution with exposure and focus fixed at the first frame. Standard continuous shooting at up to 2.5 fps.

ISO 12800 sensitivity

- Incredibly clear low-light pictures without sacrificing detail. As of June 2011, this is best-in-class performance, made possible by low-noise Exmor™ APS HD CMOS image sensor and refined BIONZ® image processor.

3D Sweep Panorama™ Mode4

- Capture vast scenic vistas and 16:9 shots in spectacular 3D. As you sweep across the panorama, the camera records separate right-eye and left-eye images that make landscapes come alive on your 3D television4. Records both JPEG and MPO file formats.

Sweep Panorama

- Capture expansive landscapes automatically. Press the shutter, sweep vertically or horizontally. The camera does the rest, continuously shooting images and stitching them together. Up to 23 MP image size. Up to 202 degrees maximum sweep angle (16mm focal length).

Anti Motion Blur mode

- Corrects for subject movement to capture amazingly clean and sharp images in low light. The camera leverages the large, APS-C image sensor and captures six images in a fraction of a second. Combining the data from all six creates a single image that minimizes subject blur.

Hand-held Twilight Mode

- Get cleaner and sharper nighttime pictures—beyond the capability of traditional cameras—without using flash or a tripod. The camera leverages the large, APS-C image sensor and captures six images in a fraction of a second. Combining the data from all six creates a single image of extraordinary detail and low noise.

Auto HDR built into camera

- High Dynamic Range (HDR) photography captures more scene contrast than a single exposure can handle by combining the best highlight detail from one shot and the best shadow detail from another for one incredible shot. Until recently, you needed a computer and editing software. Sony builds HDR in. Handles severe backlighting and other high-contrast scenes. Captures in a split second. (Recommended for still subjects.)

Live View LCD

- The LCD monitor is active full-time for composing shots. Provides a what-you-see-is-what-you-get preview of white balance, focus, depth of field, exposure and 100% framing accuracy, plus informative on-screen displays.

Tiltable 3" LCD screen

- Empowers your photography with a different point or view. Tilts down 45° and up 80° to frame high- and low-angle shots that would otherwise be hit-or-miss.

921K pixel TruBlack™ LCD screen

- Sony's Xtra Fine LCD™ monitor has best-in-class resolution (as of June 2011). The TruBlack™ screen includes a special resin layer to suppress internal reflections, increase contrast compared to conventional LCDs. Sunny Weather mode boosts visibility even further in bright sunlight.

Fast Auto Focus

- Some cameras in this class are slow to focus. That can make you miss the shot on fast-moving subjects like sports and unpredictable subjects like pets and babies. Sony's fast Contrast Auto Focus system typically takes just 0.3 seconds. Also offers continuous Auto Focus when shooting movies.¹⁰

Intelligent Auto Focus

- Pre-focuses as you compose the shot, further reducing focusing time to a bare minimum.

iAUTO (Intelligent Auto) mode

- Unifies and simplifies Sony intelligent technologies. Takes advantage of Intelligent Scene Recognition, Face Detection technology, and Optical SteadyShot™ image stabilization without leaving auto mode so you always get the best shot.

On-screen Help Guide

- Provides ready reference, explains the camera's modes and settings. Walks you through camera operation so you get the best shot. Helps you advance from basic operation to greater sophistication.

On-screen Shooting Tips

- Offers expert advice so you can shoot like a pro.

Control Wheel + Customizable Soft Keys

- Unlike cameras that bristle with knobs, buttons and dials, the NEX-C3 features a simple turn-and-click Control Wheel and context-sensitive Soft Keys. It's elegant, uncluttered and intuitive.

Sony Exmor™ APS HD CMOS sensor

- Conventional image sensors use only a handful of analog-to-digital (A/D) converters, which can slow you down. The NEX-C3 Exmor™ sensor provides 4,912 column-parallel A/D converters. You get fast response, superb image clarity.

BIONZ® image processor

- The brains of the camera are a refined version of Sony's BIONZ image processor. Its chroma noise reduction delivers high-resolution, low-noise photos even at ISO 12800 sensitivity. Also enables fast processing for up to 5.5 fps continuous shooting of data-intensive 16.2 megapixel images, 2D/3D Sweep Panorama and 6 image layering.

Dynamic Range Optimizer (DRO)

- Dynamic Range Optimizer improves results with backlit subjects and recovers details hidden in shadows. Settings include Auto, Level with a choice of five operating levels and Off.

Accepts α DSLR A-mount lenses⁶

- Using the LA-EA1 adaptor (sold separately), you can attach the full selection of α A-mount system lenses, which includes 34 current models and an installed base of millions of lenses worldwide. Operational restrictions apply.⁶

25-point Auto Focus

- 25 sensors cover a very wide area of the scene, for accurate focusing even when the subject is far from the center of the frame.

Multi-segment metering

- Optimizes exposure based on 49 segments. Choice of Multi, Center and Spot metering accommodates a full range of shooting situations.

Manual Focus Assist

- Greatly magnifies the viewfinder image when you touch the focus ring, making it easy to get razor-sharp images. Works with E-mount lenses only.

Peaking for Precise Focus

- The Peaking function makes precise manual focusing much easier by highlighting the edges that are in focus in your choice of three colors (white, red, or yellow). This is especially helpful during macro or portrait photography where your focal plane can make or break your shot.

RAW image capture

- The NEX-C3 saves your pictures as compact JPEG files or ultra-high quality RAW files. RAW files save images prior to de-mosaicing, white balance, sharpness and color enhancement. This retains maximum latitude for enhancing the image on your PC.

“Background Defocus” control

- Cameras with APS-C sensors take beautiful pictures because they can blur the background. That helps make your subject stand out as the center of attention in portrait photography. But you’ve had to know about aperture f-stops and shutter speeds. Now Sony makes it easy. Simply turn the Control Wheel one way for backgrounds in focus, the other for background defocus.

Accepts image stabilized lenses

- Selected E-mount lenses incorporate Optical SteadyShot® image stabilization to combat the effects of camera shake. Building stabilization into the lenses enables the camera body to be remarkably thin and light.

Powerful supplied software¹¹

- To help you refine and manage your images, the camera is equipped with computer software including Image Data Converter SR, Image Data Lightbox SR and Picture Motion Browser (PMB).¹¹

Face Detection technology

- The camera can automatically detect up to eight individual faces and adjust focus, exposure, white balance and flash to help deliver crisp, properly lit images of family and friends. Can prioritize children or adults.

Smile Shutter™ technology

- Captures a smile the moment it happens. Simply select the Smile Shutter™ mode and the camera takes the picture automatically. You can prioritize children or adults and adjust the smile sensitivity.

HDMI® output for HD viewing

- Enjoy HD movies and stunning still images on a compatible HDTV. The camera includes an HDMI® output.¹² In addition, the BRAVIA® Sync system works with compatible Sony® BRAVIA HDTVs enabling you to control camera playback using the television’s remote.⁷

Eight Scene Selection Modes

- These help you get the shot by optimizing the camera for specific shooting situations. Select from Portrait, Sports, Macro, Landscape, Sunset, Night View, Night Portrait and Hand-held Night Shot modes.

Six Creative Style settings

- Control how the camera processes your images with six finishing styles: Standard, Vivid, Portrait, Landscape, Sunset and B&W. You can even fine-tune contrast, saturation, and sharpness to your personal taste.

Photo Creativity interface

- The Photo Creativity interface enables you to easily enjoy the creative expression of SLR-quality digital imaging. Changes can be combined/removed and viewed in

real time on the LCD making it a breeze to make adjustments. Choose from seven different Photo Creativity functions using the convenient control wheel and center button: Picture Effect, Background Defocus Control, Soft Skin Effect, Color, Brightness, Vividness, and Self-timer / Continuous Advance.

Picture Effect mode

- There are 7 types (11 variations) of picture effects to choose from: Posterization (Color), Posterization (B/W), Pop Color, Retro Photo, Partial Color(R), Partial Color(G), Partial Color(B), Partial Color(Y), High-key, High Contrast Monochrome, Toy Camera. Each is unique and each give you a new and exciting way to make your images and videos pop.

P/A/S/M operating modes

- The NEX-C3 offers a full range of controls from the beginner's iAUTO mode to P/A/S/M: Program, Aperture Priority, Shutter Priority and Manual. On-screen prompts help you refine your skills, build your confidence and exercise greater creative control.

Anti-Dust Technology

- Anti-Dust Technology helps keep the CMOS sensor clean, resulting in consistently clear pictures. First a static-free coating on the sensor's low-pass filter helps repel dust. Then vibration automatically dislodges dust from the sensor.

Up to 400 Shots⁸ of battery life

- Take up to 400 shots on a single charge⁸ with Sony® lithium ion Stamina™ battery power. Sony's InfoLITHIUM® battery system enables you to see the percent of power remaining, so you can keep shooting in confidence.

Supplied detachable flash

- To help you shoot more effectively in formal portraits, the supplied flash has a Guide Number of 7.

Dual Format Media Card Slot

- For cost-effective, convenient storage and sharing of your images, the camera accepts Memory Stick PRO Duo™/Memory Stick PRO-HG Duo™ and SD/SDHC media (Class 4 or higher recommended). (Memory card is required. All are sold separately.)

PhotoTV HD compatibility⁹

- Optimizes compatible BRAVIA® televisions for gorgeous display of digital pictures.

Index and Slide Show Display

- Quickly review your photos using 6- or 12-frame index views, or as an automatic slide show with fade-in/fade-out effect.

Supplied accessories

- The kit includes a NP-FW50 Lithium ion rechargeable battery, BC-VW1 battery charger, Mini B USB cable, software CD and shoulder strap.

Specifications

Camera

- Lens Compatibility: Sony E-mount lens, (Sony A-mount lenses when used with LA-EA1 lens adaptor)
- Lens Mount: Sony E-mount
- Camera Type: Sony E-mount interchangeable lens digital camera

Imaging Sensor

- Imaging Sensor: Exmor™ APS HD CMOS sensor (23.5 X 15.6mm)
- Processor: BIONZ™ image processor
- Anti Dust: Charge protection coating on Low-Pass Filter and electromagnetic vibration mechanism
- Pixel Gross: Approx. 16.5 megapixels
- Effective Picture Resolution: Approx. 16.2 megapixels
- Focal Length Conversion Factor: 1.5x
- Color Filter System: RGB primary color filters

Recording

- Media Type: Memory Stick PRO Duo™/Pro-HG Duo™/PRO-HG HX Duo™ media SD, SDHC and SDXC memory card
- Color Space: sRGB, AdobeRGB
- Still Image Mode: JPEG (Standard, Fine), RAW, RAW+JPEG
- Still Image Size 16:9: L (14M): 4912 X 2760 M (7.1M): 3568 X 2000 S (3.4M): 2448 X 1376
- Still Image Size 3:2: L (16M): 4912 X 3264 M (8.4M): 3568 X 2368 S (4M): 2448 X 1624
- Video Format: MP4 (MPEG-4 AVC (H.264))
- Video Resolution: MP4 HD: 1280 x 720/ 30p MP4 VGA: 640 x 480/ 30p
- Audio Format: MPEG-4 AAC-LC

Optics/Lens

- Lens Type: E-mount 16mm F2.8
- Lens Mount Type: Sony E-mount
- Aperture (Max.): f/2.8
- Aperture (Min.): f/22
- Focal Length (35mm equivalent): 24mm (35mm equivalent)
- Filter Diameter: 49mm
- Lens Groups-Elements: 5 groups, 5 elements (1 aspheric surfaces)
- Minimum Focus Distance: 9.4" (0.24m)
- Aperture Blade: 7 blades (Circular aperture)
- Non-rotating Focusing Ring: No rotation

Viewfinder

- Magnification: 0.073x (APS-C)(when attached)

LCD Display

- LCD Type: 3.0" TFT Xtra Fine™ LCD (921,600 pixels) w/TruBlack™ technology
- Angle Adjustment: Up: Approx. 80 degrees, Down: Approx. 45 degrees
- Brightness Control: Auto (-2 to +2 step sunny weather)
- Coverage: 100%
- Live View: Yes, (Constant AF Live View)
- Real-time image adjustment display: Exposure Compensation, WB, Creative Style
- Histogram: Yes (On/off)
- Peaking: Yes (MF only, Level setting: High/Mid/Low/Off), (Color: White/Red/Yellow)
- Grid Display: Yes (On/off)
- Customization: Brightness: Auto, Manual, Sunny Weather Display Color: Black, White, Blue, Pink

Focus Control

- Focus System: Contrast AF
- Focus Points: 25 points
- AF Modes: Single-shot AF, Continuous AF, Direct Manual Focus, Manual Focus
- Focus Area: Multi Point AF (25 points), Center Weighted AF, Flexible Spot AF
- Focus Sensitivity: 0 EV to +20 EV (at ISO100 conversion with F2.8 lens)
- Manual Focus Assist: Magnified display for precise manual focus
- Focus Features: Predictive Focus Control, Focus Lock
- AF Illuminator: Built-in, LED type

Exposure System

- Picture Effect(s): Toy Camera, Pop Color, Posterization (Color), Posterization (B/W), Retro Photo, High-key, Partial Color(R), Partial Color(G), Partial Color(B), Partial Color(Y), High Contrast Monochrome
- Auto Exposure Lock: Yes (AE Lock with focus lock)
- Color Temperature: 2500 - 9900 k with 19-step Magenta / Green compensation
- Creative Style: Standard, Vivid, Portrait, Landscape, Sunset, B/W
- D-Range Optimizer: Yes: (Auto, Level 1-5, off)
- Exposure Compensation: ±2.0 EV (in 0.3 EV steps)
- Exposure Settings: iAUTO, Program Auto (P), Aperture priority (A), Shutter priority (S), Manual (M), Sweep Panorama (2D), Sweep Panorama (3D), Anti Motion Blur, Picture Effect, Scene Selection
- ISO: Auto, 200 to 12800
- Metering: 49 Segment metering from CMOS image sensor
- Metering Modes: Multi-segment, Center-weighted, Spot

Super Tech Super Prize Descriptions

- Metering Sensitivity: 0EV-20EV, (at ISO 100 equivalent w/ f/2.8 lens)
- Noise Reduction: Long exp.NR: (On/Off, available at shutter speeds longer than 1 second) High ISO NR: (Auto/Weak)
- Scene Mode(s): Portrait, Landscape, Macro, Sports action, Sunset, Night portrait, Night View, Handheld Twilight
- White Balance Mode: Auto, Daylight, Shade, Cloudy, Incandescent, Fluorescent, Flash, Setting the color temperature, Color Filter, Custom

Drive System

- Burst Buffer: JPEG (Fine: 14 shots, Standard: 18 shots), RAW (6 shots), RAW+JPEG (6 shots)
- Continuous Shooting Speed: Continuous (2.5fps) Speed Priority (5.5fps)
- Drive Mode: Single-shot, Continuous, Speed Priority, Self-timer, Continuous Self-timer, Bracketing
- Flash Sync Speed: 1/160 seconds
- Self-timer: 2-sec. or 10-sec. delay, (single, continuous 3 or 5 frames)
- Shutter Speeds: 1/4000 to 30 seconds, bulb
- Shutter Type: Electronically-controlled, vertical-traverse, focal-plane shutter

Flash

- Flash Bracketing: 3 frames, 1/3, 2/3EV steps selectable
- Flash Compensation: +/-2EV, 1/3EV steps
- Flash Coverage: FOV coverage up to 16 mm (in the focal length)
- Flash Metering System: Pre-flash TTL
- Flash Modes: Autoflash, Fill-flash, Rear sync., Slow sync., Red-eye reduction
- Flash Type: Smart accessory terminal (HVL-F7S Flash Supplied)
- Guide Number: 7 (in meters at ISO 100)
- Recycling Time: Approx. 4 sec.

Advanced Features

- Face Detection: Off, Auto, Child Priority, Adult Priority
- Smile Shutter™ technology: Yes - Off, Slight, Normal, Big
- Advanced User Interface: Easy-to-understand Graphic Display and on-screen Help Guide User-friendly function menu
- Anti Motion Blur: 6-image layering
- Auto High Dynamic Range: Yes, (Auto Exposure Difference, Exposure difference Level (1-6 EV at 1.0 EV step), off)
- Photo Creativity: Yes (via iAuto Mode)
- Shooting Tips: 80 expert advice shooting tips
- Sweep Panorama: Horizontal, Vertical, and 3D Panorama13

Interface

- BRAVIA® Sync™: Yes, via HDMI with compatible BRAVIA HDTV
- DVDirect: Yes, via USB
- HD Output: HDMI® (TypeC mini)

Super Tech Super Prize Descriptions

- Memory Card Slot: Dual slot: Memory Stick PRO Duo™/Pro-HG Duo™/PRO-HG HX Duo™ media - SD, SDHC and SDXC memory card
- PhotoTV HD: Yes, with BRAVIA Sync™ enabled HDTV and HDMI® cable
- USB Port(s): USB2.0 Hi-speed (mass-storage, PTP)

Power

- Battery Type: InfoLITHIUM® NP-FW50 (7.2V)
- Number of Still Images: Approx. 400 images (CIPA standard)

Software

- Supplied Software: PMB (Picture Motion Browser) v5.2; Image Data Converter SR v3.2; Image Data Lightbox SR v2.2
- Operating System Compatibility: Windows XP SP3 (32-bit), Windows Vista SP2, Windows 7; Mac OS X (v10.3-v10.6), PMB is not compatible with Mac OS.

Service and Warranty Information

- Limited Warranty Term: 1 Year Parts & Labor

In The Box

- SEL16F28 E-mount 16mm F2.8 lens
- Lens cap
- BC-VW1 Battery Charger
- Power cord
- NP-FW50 Lithium ion rechargeable battery
- Shoulder strap
- USB cable (Mini B)
- CD-ROM

Weights and Measurements

- Dimensions (Approx.): Approx. 4-3/8 × 2-3/8 × 1-5/16" (109.6 x 60.0 x 33.0mm) (W/H/D); 1 1/16" (25.9mm) excl grip and lens mount
- Weight (Approx.): Approx. 7.9 oz (225g) (excl battery & media) Approx. 10.0 oz (283g) (w/battery & media)

Footnotes

1. Records in up to 29 minutes segments.
2. World's smallest, lightest interchangeable lens digital camera utilizing APS-C size sensor as of June 2011
3. Requires 3D HDTV, HDMI cable (at least 10.2 Gbps) and active 3D glasses sold sep.
4. Attaching Sony A-mount lens requires LA-EA1 adaptor (sold separately). Autofocus available with SSM and SAM series lenses.
5. Compatible with BRAVIA® Sync or Theatre Sync™ HDTVs connected via HDMI®.

6. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
7. Requires compatible BRAVIA® HDTV and cable sold sep.
8. Auto Focus function available with Sony E-Mount lenses and Sony A-mount SSM and SAM series lenses.
9. Files compatible with iMovie® '09 or later on Mac. Software not compatible with Mac OS® X.
10. Requires HDTV and HDMI cable sold sep.

Legal

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony is not responsible for typographic and photographic errors. Features and specifications are subject to change without notice. Sony, BIONZ, BRAVIA, BRAVIA Sync, Cyber-shot, Exmor, InfoLITHIUM, Memory Stick PRO Duo, Memory Stick Duo, the Memory Stick logo, Optical SteadyShot, Remote Commander, Smile Shutter, Stamina, SteadyShot, Theatre Sync, TruBlack, and Xtra Fine LCD are trademarks of Sony. Microsoft, Windows, and Windows Vista are trademarks of Microsoft Corporation. Mac OS and iMovie are trademarks of Apple Computers, Inc. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners.

*Logo mentions need to be included if logo shown or listed in copy



BDVE280

Sony 5.1 Channel Blu-Ray Disc™ Home Theater System

- 1000 watt 5.1 channel surround sound (167 Wx5 +165 W)⁷
- Online entertainment access with automatic app updates¹
- 2x HDMI® inputs with 3D pass-through support
- Includes iPod®/iPhone® dock (video, music and photos)⁵
- Quick Start/Load to watch movies faster than ever
- Wi-Fi Ready (requires USB adaptor, sold separately)
- Blu-ray 3D™ playback capability⁴
- Plays music, photos and video via front USB slot
- Dolby® True-HD and dts® HD Enhanced Audio Codecs⁹

Features

Sony Internet TV

- Get instant access to must-have entertainment, including thousands of hit movies, TV shows, music choices, online videos and games.¹ Plus get new apps delivered to you automatically, so your selection is never outdated and you are always connected to the best entertainment.

1000 Watts for powerful sound

- Hear everything with incredible impact. The system delivers 1000 Watts total power (165 Watts x 5 + 175 Watts).⁷

2x HDMI™ inputs with 3D pass-thru

- Connect two HD sources via HDMI® and easily switch between them.⁶ Enjoy 3D Blu-ray Disc™ movies, 3D video games and other 3D content with compatible players and HDTVs.⁴ Fast and easy, HDMI connections combine the quality of pure digital-to-digital signal transfer with the simplicity of a single connection for audio, video and control.

3D Blu-ray Disc™ Full HD 1080p playback

- Enjoy 3D Blu-ray Disc™ movies⁴ in Full HD 1080p.³ Also supports standard Blu-ray Disc movies in high definition, upscales DVDs to near HD quality,⁸ and plays CDs for a complete entertainment experience.

iPod®/iPhone® dock

- Instantly enjoy your iPod® or iPhone® music, videos and pictures through the included dock.⁵

Wi-Fi® Adapter Ready

- Easily connect to your wireless broadband network with an optional USB Wi-Fi adapter.

Quick Start/Quick Load

- Begin enjoying your entertainment faster than ever.

USB Input

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

Dolby® True-HD and dts® HD codecs

- Take advantage of the latest and best in Blu-ray Disc™ sound tracks with these enhanced surround sound audio codecs.⁹

Specifications

Audio Features

- AV Sync: Yes

General

- Colors: Black
- Region Code (DVD): 1

Network Features

- Browser Viewer for IPTV (e.g. BBC): Yes
- Favorites: Yes

Power

- Power Consumption (in Operation): 160W
- Power Consumption (in Standby): 0.3W

Supported Media

- BD-Live: Yes
- BD-R/RE: Yes(BDAV/BDMV)

Super Tech Super Prize Descriptions

- BD-ROM: Yes(SL/DL)
- Bonus View: Yes
- CD (CD-DA): Yes
- CD Graphics: Yes
- CD-R/-RW: Yes
- CD-Text: Yes
- DVD Camcorder 8cm DVD: Yes
- DVD+R: Yes
- DVD+R Double Layer: Yes
- DVD+RW: Yes
- DVD-R: Yes
- DVD-R Dual Layer: Yes
- DVD-R/-RW VR: Yes
- DVD-RW: Yes
- DVD-Text: Yes
- DVD-Video: Yes
- External HDD (Read, Copy/Move): Yes(Read)
- File System (FAT32, NTFS, exFAT): Yes(FAT32, NTFS)
- SA-CD (SA-CD/CD) Playback: Yes
- SACD-Text: Yes
- USB Memory: Yes

Video Features

- Deep Color: Yes (HDMI input: No)
- Disc Drive: Yes (Precision Drive HD)
- Preset Picture mode Cinema tuned (Theater room/Brighter room/Standard room): Yes/Yes/Yes
- x.v.Color: Yes (HDMI input: No)

Supplied Accessories

- Batteries: Yes
- Composite Cable: Yes
- Dock for iPod/iPhone: Yes
- FM Antenna (Pig tail / T type): Yes
- Quick Setup Guide: Yes
- Warranty Card: Yes

Footnotes

1. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees.
2. Requires devices connected to the same wireless home network.
3. Requires compatible HDTV and HDMI® cable sold sep.
4. Requires 3D content, 3D HDTV, 3D glasses, 3D emitter, and HDMI® cable (at least 10.2 Gbps).

Super Tech Super Prize Descriptions

5. Works with iPod nano® 2nd, 3rd, 4th, and 5th generations, iPod classic®, and iPod touch® players. Video and photo viewing requires component cable, sold separately.
6. Requires HDMI® cable sold sep.
7. Measurements at 3 Ohms, 80Hz – 1 kHz with a THD of 1%.
8. Requires HDTV with equivalent display and HDMI® cable sold sep.
9. Requires HDMI® cable and LPCM capable receiver.

Legal

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. Sony and the Sony make.believe logo are trademarks of Sony. Blu-ray Disc and Blu-ray 3D are trademarks. iPod, iPod classic, iPod nano, iPod touch, and iPhone are trademarks of Apple Inc. HDMI is a trademark of HDMI Licensing LLC. Dolby is a trademark of Dolby Laboratories. dts is a trademark of DTS, Inc. All other trademarks are trademarks of their respective owners.

*Logo mentions need to be included if logo shown or listed in copy



PlayStation®3 160GB system

Features

It Only Does Everything™

- While the form factor may have changed, the new slimmer and lighter PlayStation®3 160GB system still comes with free PlayStation®Network membership, integrated Wi-Fi and 160GB of hard disk drive storage for your games, music, videos and photos. Plus, every PS3™ system comes with a built-in Blu-ray Disc™ player to give you pristine picture quality and the best high-definition viewing experience available. Whether it's gaming, Blu-ray movies, CDs, DVDs, music or online services, you can experience it all with the PlayStation®3 system.
- Note: This model will not play PlayStation® 2 games, but is backwards compatible with select PS one™ games.
- PlayStation®3 and PSP® play nice together. Easily exchange media like photos, videos and music from your PlayStation®3 system to your PSP® system. Plus, get ready to witness an explosion in creativity as developers take on the challenge of integrating the PSP system into PlayStation®3 games.
- Not all video and audio formats may be supported.

** Online connectivity requires broadband internet service and network devices such as a DSL or cable modem.

- Video output in HD requires cables and an HD-compatible display, both sold separately. Full HD 1080p requires an HDMI cable and a 1080p native display with an HDMI input supporting HDCP. Copy-protected Blu-ray video discs can only output at 1080p using an HDMI cable connected to a device that is compatible with the HDCP standard.

Specifications

Hard Drive

- 2.5' Serial ATA (160GB)

Communication

- Ethernet (10BASE-T, 100BASE-TX, 1000BASE-T) IEEE 802.11 b/g Wi-Fi*
- Bluetooth 2.0 (EDR)
- Wireless Controller Bluetooth (up to 7)

A/V Output

- Screen size: 480i, 480p, 720p, 1080i, 1080p
- HDMI** : HDMI + Bravia Sync
- Analog: AV MULTI OUT x 1
- Digital audio: DIGITAL OUT (OPTICAL) x 1
- Blu-ray/DVD/CD DRIVE "read only"

I/O

- USB 2.0 X 2

CPU

- Cell Broadband Engine™

GPU

- RSX

Memory

- 256MB XDR Main RAM
- 256MB GDDR3 VRAM

Backwards Compatibility

- Due to the availability of an extensive line-up of PS3™ system titles, the 160GB PS3™ system is not backwards compatible with PlayStation®2 titles, but does maintain backwards compatibility for some original PlayStation® titles.

Weight & Dimensions

- Approximately 11.42" (W) x 2.56" (H) x 11.42" (D)
- Approximately 7.055 lbs

Supplied Accessories

- DUALSHOCK®3 wireless controller
- AC power cord
- AV cable
- USB cable



SGPT111US/S
Sony® Tablet S

- Running latest Android™ operating system.
- Control the living room with the built-in Universal IR remote.
- Share, view and transfer personal video, photos and music to your DLNA compatible PC, TV or speakers.
- Tablet optimized network entertainment services from Sony.
- Rent or purchase new release movies with Video Unlimited.
- Over 6 million songs on Music Unlimited.
- Access eBooks through Reader™ Store.
- PlayStation® Certified with pre-loaded games.
- Brilliant 9.4” LED-lit TruBlack™ display offers vibrant colors and deeper blacks.
- Wi-Fi® and Bluetooth® connectivity.
- Swift and smooth performance - Saku Saku™ interface for quick web page access and responsive touch panel operation.
- Unique wrap design makes the product easier to hold in one hand.
- Front and rear facing cameras allow for video recording and capturing still images (Rear Camera: 5 megapixel, Front Camera: 0.3 megapixel).
- Social Feed Reader allows for at-a-glance viewing of pre-selected social media updates.
- SelectApp site highlights new and unique Android™ applications in a number of categories.
- Supports USB (Micro A/B) interface, and SD card for transferring files and data.

Features

Customize with Android Market™

- With access to the Android Market™, you can browse through thousands of useful time-saving and entertaining apps. There’s also instant access to Google™ mobile services and applications including 3D maps and easy web search with

Google Voice Search. Download what you want and make your Tablet truly yours.

Universal Remote Control

- Having difficulty remembering which remote control goes with which device? Let Tablet S solve that for you! Whether it's your TV, Blu-ray Disc™ player, stereo or cable box, you can control all of them right from your Sony® Tablet. The Tablet S built-in Universal remote not only controls your Sony products, but other brands as well.

Instant Access to Hit Movies

- Video Unlimited is your ticket to instant entertainment. Featuring a catalog of the latest releases from every major studio to rent or own, Video Unlimited offers you instant access to hit movies direct to your living room.

No Monthly Subscriptions or Late Fees

- With Video Unlimited, you'll never have to worry about returning a disc or paying a monthly subscription fee for instant access to your movies or rentals anywhere, anytime.

Millions of Songs – Instantly

- Music Unlimited offers you instant access to millions of songs from every major label. Forget syncing MP3 files across multiple devices, simply sync to the cloud once and enjoy the music you love on any PC and a variety of Internet-enabled Sony devices. Enjoy timeless favorites or dare to try something new - all without paying for each track or album.

Get your game on with PlayStation®

- The first PlayStation® Certified tablet that provides out-of-the-box gaming with PlayStation favorites Crash Bandicoot and Pinball Heroes, plus download more classic PSone™ and PSP™ game titles online.

Build your Library

- Access bestsellers, new releases, magazines, comics and more from over 2 million titles available at Reader™ Store from Sony. The intuitive interface is ideal for on-the-go reading, allowing you to make bookmarks and highlights, plus adjust font sizes as you read. With Sony® Tablet, you can take your favorite eBooks on the go.

Sony's brilliant TruBlack™ display

- By controlling the refraction of light between the LCD and the screen, Sony's TruBlack™ panel provides more vibrant colors, deeper blacks, and a totally amazing image. Enjoy exploring your connected world even more with the beautiful display offered by Sony's unique panel display technology.

Enhanced Speed and Responsiveness

- Sony's latest software technology brings you fast web browsing, responsive touch panel, and exceptionally intuitive user interface.

Ergonomic design to fit your hand

- With so many things you can do with Sony® Tablet, you need a comfortable and easy design to carry the device for long periods of time. Specially designed to ergonomically fit your hand, this unique form factor shifts the device's weight closer to your palm making it feel lighter and more comfortable while reading a

book, or watching a video. In addition, this design provides a more natural angle for typing and browsing when set flat on a table.

Specifications

Convenience

- Remote Control Functions: IR remote control function

Display

- Resolution: 1280 x 800
- Screen Size: 9.4"

Hardware

- Camera: Front – 0.3 Megapixel Rear – 5.0 Megapixel

Inputs and Outputs

- Headphone Output: 1
- MicroUSB: 1

Memory

- External Memory: Full-size SD Card slot (for media exchange only)
- Installed Memory: 16GB
- Internal Memory: 1GB

Power

- Battery Type: Li-Ion 5100mAh

Processor

- Processor Type: NVIDIA Tegra2

Software

- Operating System: Android Honeycomb

Wireless/Networking

- Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)
- Wi-Fi: IEEE802.11b/g/n

Weights and Measurements

- Dimensions (Approx.): 9.5” L x 6.8” W x 0.3”D
- Weight (Approx.): 1lb. 5oz.

Footnotes

1. Requires monthly subscription. Sync requires that music content exist in the service library. Copy protected content is not supported.
2. Certain formats and copy protected content are not supported.

3. Not all manufacturer remote codes and products supported. Remote can be taught commands from IR based remote control products.

Legal

© 2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Reader, TruBlack and Fluid Touch are trademarks of Sony. PlayStation, PSone and PSP are trademarks of Sony Computer Entertainment Inc. Google, Google Books, Android and Android Market are trademarks of Google Inc. Bluetooth is a trademark of Bluetooth SIG, Inc. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice.

*Logo mentions need to be included if logo shown or listed in copy