

Professional Displays and Solutions range guide



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The Sony Solution

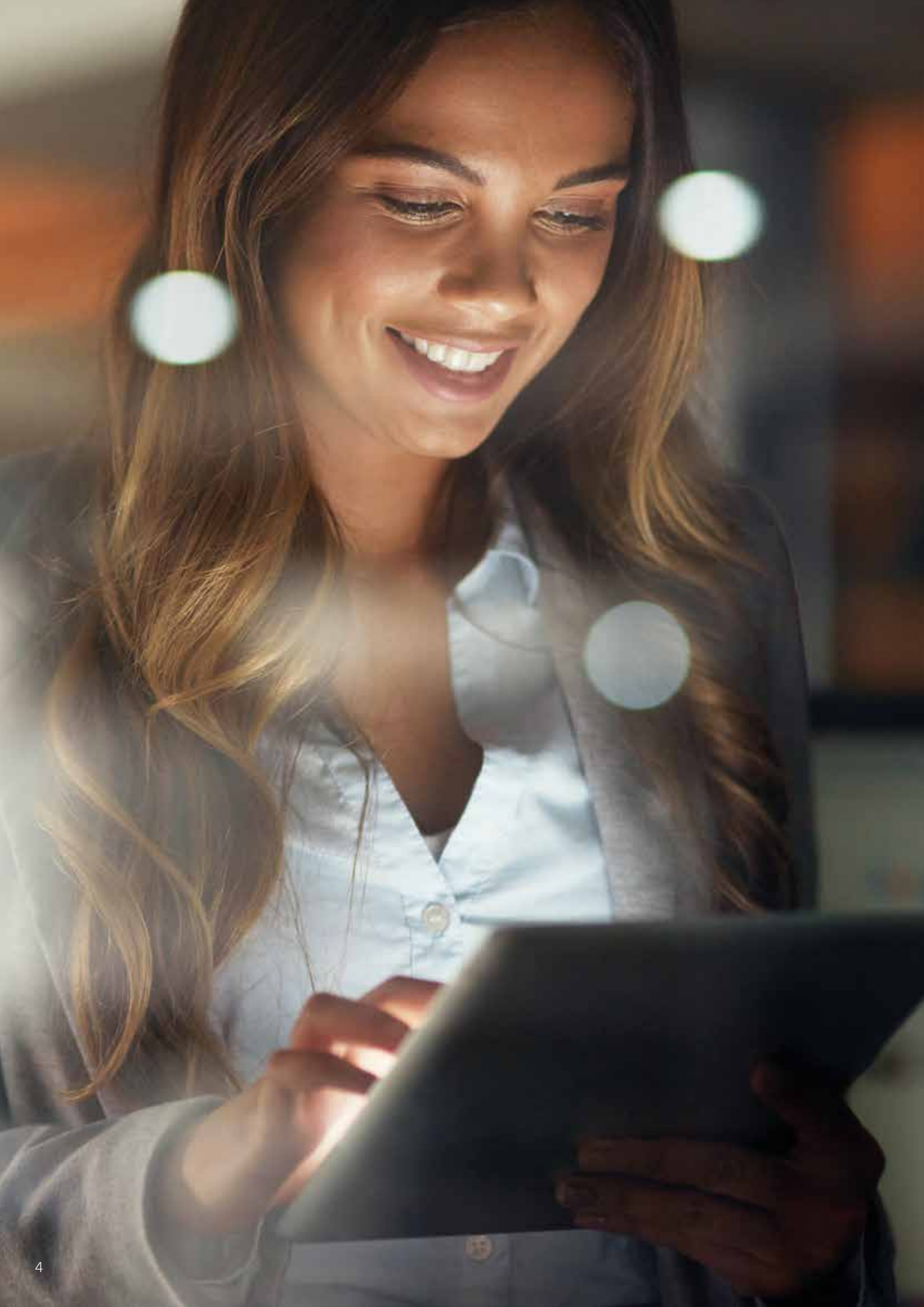
When it comes to professional AV technology, Sony provides much more than just great products. We create solutions that make visual communications and knowledge sharing even smarter and more efficient.

We empower organisations of every industry, sector and size with advanced audio-visual tools that help them go further. From schools to universities, small business to big business, retail to automotive and more, we have the perfect solution.

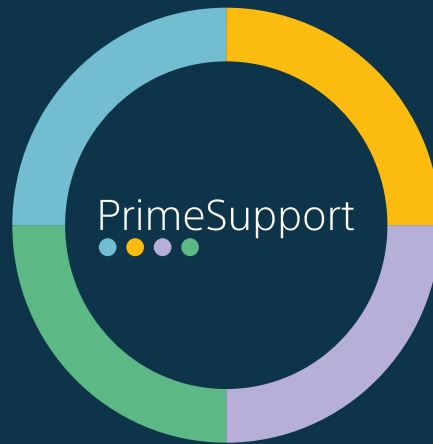
Support is at the heart of everything we do. With our PrimeSupport packages, you'll always get the best service for your business. With specialist advice and a host of support features included as standard, we've got you covered.

For full product features and specifications please visit **pro.sony**





For more on PrimeSupport visit pro.sony/EU-PrimeSupport 



You've got our support

Your business can't afford unscheduled interruptions. Our PrimeSupport packages plus optional extras make sure you're covered with the perfect level of support.



PrimeSupport Pro

PrimeSupport provides enhanced support services, which go beyond the basic terms provided under the standard manufacturer's warranty. Our multilingual helpdesk can answer everyday questions on setting up and using your product by phone or email. And if you do need repairs, we'll organise things quickly and efficiently, with free shipping and no hidden costs.



PrimeSupport Elite

If you're looking for even more peace of mind, upgrading to **PrimeSupportElite** could be the option for your business. We'll keep you up and running with our fast-track repair service that includes all shipping costs. And – depending on your product – we may offer to loan a replacement unit[†] while yours is being repaired. For certain models, we now offer an Advanced Replacement extension where we will ship out a replacement model within 48 hours.



PrimeSupport On-Demand

Everybody's business is different. A selected number of our products are also eligible for **PrimeSupport On-Demand**, tailored solutions for organisations with the most demanding requirements for service and support. With options like next working day spares and on-site technical assistance, there's no better choice when dependable performance of your AV communications infrastructure is most crucial.

Have you registered for PrimeSupport?

Instantly protect your Sony professional product with PrimeSupportPro and get extended cover, telephone helpdesk support and notification of firmware updates at no additional cost.

Activate your PrimeSupportPro cover now pro.sony/productregistration



Find your local telephone number to contact our *PrimeSupport Helpdesk* on our website pro.sony/en_GB/change-country-region-language

Monday - Friday 09:00 – 18:00 (Central European Time), excluding local national holidays. Support is available in English, French, Italian, German & Spanish.

[†] Specific product cover may vary.
Please visit pro.sony/support-services/primesupport for full details.

TEOS Workplace Solutions

Making spaces perform

As people move through the workplace TEOS solutions help them be more efficient and productive.

Orchestrate your office

Manage

Take full control of devices, signage and content across all spaces.



Streamline room bookings



Mobile

Manage meetings from anywhere with a mobile application that combines room booking, room control and mirroring.

Book

Save time and optimise the use of meeting spaces with an interactive booking solution.



Make visiting easy



Reception

Extend a professional welcome to every visitor as they sign in and notify their host of their arrival.



Wayfinding

Navigate the workplace easily and find available rooms.

Master your meetings



Connect

Mirror content wirelessly from your device to BRAVIA 4K Professional Displays.

Meeting Display

Turn idle meeting screens into smart and informative displays.



Room Control

Control connected meeting room devices through a customisable interface.



Communicate clearly

Signage

Create and distribute colorful, eye-catching and touch-interactive digital signage.



Corporate TV

Implement a Corporate TV solution for workers to view and change channels.



Videowall

Edit content to play on video walls in any configuration.

Survey

Collect feedback from employees and guests with a fully customisable survey platform.



The TEOS Solutions Model

TEOS workplace solutions allow organisations to scale up fast and full support is always available.

- 1** Purchase the TEOS server software license
- The server license TEM-SRV250 is required to run TEOS solutions. It has a one-off cost and covers your whole corporate network. This license gives users access to Manage for TEOS which is the central platform to control all devices and content.



- 2** Choose your hardware and software
- Purchase devices (such as displays or tablets) and TEOS licenses for each device to run your chosen solution (such as signage or room booking). Hardware comes with 3 years of support included, and software comes with 1 year.



- 3** Choose your optional service
- Decide if you want additional services such as extended support, on-site set up, training, or software custom development.

A full offering



Software

Control
Signage
Add-ons
Mobile



Hardware

Displays
Projectors
Tablets
Player



Service

Support and
firmware
Custom dev
Set-up
Training



Visit the TEOS hub to contact an expert, book a demo or discover more about our intelligent workspace solutions: pro.sony/TEOS

Education Solutions

Solutions that provide ease of teaching for lecturers and guarantee a front row seat for all students no matter where they are learning from.

Open their eyes ●

Present

Ensure teaching materials can be clearly seen and understood with BRAVIA 4K displays in sizes 32-100".

Keep visitors informed ●

Communicate

Bright, professional and informative signage can be created and distributed to communicate with students, staff and visitors around the campus.





Campus management

Control

Take full control of devices, signage and content across all spaces.

Make visiting easy

Reception

Extend a professional welcome to every visitor as they sign in and notify their host of their arrival.

Wayfinding

Navigate the campus easily and find classrooms, lecture halls, libraries and more.

Give everyone a front row seat

See

Share big beautiful images that can be seen clearly by everyone in the room.

Use white or blackboards, safe in the knowledge that AI technology ensures students can see what has been written and get copies of the notes after the class.

Hear

Ceiling mounted microphones provide fuss free crystal-clear sound.

Remote

Remote participants are able to see and hear live classes, interact with online participants and watch recorded sessions at a time that suits them.





Beamforming Microphone

Sony has launched an advanced audio solution to support flexible lectures and presentations with its new beamforming^{*1} microphone, the MAS-A100.

The solution will significantly improve the audio experience within education and corporate organisations thanks to its ceiling-mount microphone, which removes the need for hand held or body worn microphones and subsequent batteries or device management.

It also has speech reinforcement, an advanced clear audio quality as well as a unique combination of beamforming technology^{*1} and an Intelligent Feedback Reduction function which helps improve recording quality and can then automatically adjust the output volume for consistency and ease of listening.

The microphone is incredibly simple to install as it supports the Dante[®]*2 digital audio-over-IP networking standard and Power over Ethernet (PoE) so power is managed through a single network cable. It also features a dual channel output for simultaneous recording through dedicated output channels and across wide areas to record both the speaker and students/participants voices. The microphone also has auto-noise reduction capabilities to minimise

background sound from air conditioners, projectors etc. all of which make it ideal for lecture capture.

The microphone can be easily integrated into existing AV setups and used with a wide range of products while also boasting the Sony free-of-charge "Microphone System Manager" software (MASM-1). This supports central setting and management of multiple microphones in various rooms via IP.



*1: Beamforming is a signal processing technique used for directional signal transmission or reception.

*2: Dante[®] is trademark of Audinate Pty Ltd.





Sharing your knowledge has never been easier

UbiCast orchestrates every phase of producing and delivering rich video content - from recording and editing to publishing, managing and user analytics.

A WORLD OF APPLICATIONS

- **Lecture capture:** Digitise lectures and deliver them as searchable, engaging videos.
- **MOOC creation:** Easily create high quality interactive learning videos for Massive Open Online Course programmes.
- **Online training:** Create engaging, flexible video training modules for employees, customers and partners.
- **Webcasting:** Stream conferences and events to a global audience, live or on demand.

Sony Solutions



Miris Netcapture

Streaming lectures has never been so simple, and so cost effective. Have every lecture hall kitted out with the technology, but pay only for the number of licences you use at any one time. Gives students the opportunity to join or catch up, with access to learning, always, anytime, anywhere.



A scalable and cost-effective solution



Cloud or on site deployment

MediaServer

Your reliable, smart video platform:

- Centralise the delivery of your videos.
- Index your existing content and find precise sequences with a powerful search engine.
- Encourage contribution with WebStudio and the most advanced social learning features.



Index & search



WebStudio: screen & webcam recorder

A social experience for your learners

- Watch your videos in our interactive player.
- Adjust playback speed and image quality.
- Enhance your videos with attachments, comments or even external links associated to a moment of the video.
- Engage your audience with quizzes and surveys.



Social Learning



Polls & Quizzes



Time-based annotations



Dynamic Rich Media

With Dynamic Rich Media (DynRM) you are more than just a viewer, you can create the content you want to watch. Click on one of the video tiles to zoom in and focus on the area you are interested in. Up to 6 simultaneous sources can be synchronized.

Edge Analytics Appliance

Adding more intelligence to every presentation

The REA-C1000 Edge Analytics Appliance brings an exciting new dimension of audience engagement to lectures, MOOCs, government and corporate presentations.



Advanced built-in AI-based video technology analyses the input it receives from connected cameras and combines the camera feeds with image sources to create high-quality video content that can be displayed live or recorded. Acting as the smart hub of a connected AV setup, the compact and light-weight REA-C1000 allows educational institutes and corporate organisations to automatically generate compelling video content in real time. The REA-C1000 offers a range of powerful presentation features that are available via optional licenses.

Handwriting extraction & presenter overlay

The REA-C1000 intelligently extracts handwritten text and diagrams from black and white boards. This can be displayed as a real-time overlay that 'floats' in front of the presenter, allowing audiences to clearly see written content with enhanced colour and contrast as well as gestures and expressions of the presenter.

Chroma key-less CG overlay

Based on advanced motion detection technology, this feature can extract the presenter's image, overlaying it onto any background image or movie without the need for a dedicated chromakey system or specialist operator.

PTZ auto tracking

The REA-C1000 can serve as a virtual camera operator, controlling a connected PTZ camera to track the current presenter smoothly, keeping them accurately framed and sharply focused as they move around or turn their back to the audience.

Focus area cropping

Using this feature, an image from one camera can be simultaneously shown as two different output images. Connected to a 4K camera, the REA-C1000 can simultaneously output a wide-angle view in 4K resolution and a cropped view of the same presenter in FHD. The cropped image can also be selectable as static or dynamic.

Close-up by gesture

The REA-C1000 can react intelligently when an audience member stands up to speak, triggering the camera to zoom in and frame the new speaker.





TDM Digital Signage models


TDM-DS1Y: 1 year


TDM-DS3Y: 3 years


TDM Digital Signage


Inspire customers with affordable, effective digital signage


Operate your screens from a centralised or decentralised location with the content you want – anytime and any place. You can now do it all with our new generation of digital signage software.


- 


Multiple screens and locations simultaneously
You can place content both centrally and decentrally on a single or even a cluster of screens from one operating system.
- 


Alerts
Possibility to send alerts centrally.
- 


RSS feeds
Keep up on all the latest news, weather forecasts, traffic reports and stock market information.
- 

Show images
Show your favourite images via the media library.
- 

Show websites
Ability to show websites.
- 

Interactive
Possibility to show specific content based on an action.
- 

Streaming video
YouTube, Vimeo, RTSP. It is even possible to show parts of videos.
- 

Social media
Feeds from e.g. Twitter, Facebook and LinkedIn.
- 

Live statistics
Based on emotion detection.

TDM Digital Signage is developed for **SONY**

For full product specifications and features please visit pro.sony/professional-displays



Crystal LED

Large-scale Micro LED displays and video walls

Beautifully designed, Crystal LED displays provide super high contrast and super high brightness images in either a 1.2mm- or 1.5mm-pixel pitch, exceeding expectations in any environment. The four display options enable you to bring extraordinary picture quality to an even wider audience.



Main features

- Sony Outstanding Contrast**
 Each Micro LED occupies a tiny fraction of the mounting area, resulting in an extraordinary contrast ratio of more than 1,000,000:1.
- Motionflow technology**
 Reduces motion blur for smooth reproduction of rapidly-moving images.
- X1™ for Crystal LED**
 The new displays are equipped with our high-performance image quality processor “X1™ for Crystal LED” incorporating the latest LED control technology developed for our pioneering Crystal LED, alongside the signal processing technology praised in Sony’s BRAVIA TV series.
- Reality Creation**
 Technology with exclusive database type processing upscales lower resolution input signals for finely detailed images, even when viewed close up.
- 22bit Super Bit Mapping**
 Signal processing realizes high contrast (1,000,000:1) with smooth and rich image gradation.

Crystal LED C-series

The displays are ideal for corporate showrooms, lobbies and entrances. Our new C-series high-contrast Micro LED displays create truly immersive environments with precise image detail.

Deep Black Coating

An exclusive surface treatment is applied to the Crystal LED displays to enable high-contrast image expression without scattered reflection. This enhances the deep blacks to create extremely realistic imagery even in brightly lit environments.

- High picture quality Micro LED for realistic expression
- Deep Black Coating for truly immersive environments
- Flexible installation – with tiling structure, bezel-free and large screen without visible joins
- Wide viewing angle and wide colour gamut

Crystal LED B-series

The displays are ideal for corporate lobbies, virtual sets and production backdrops. Our new B-series high-brightness Micro LED displays can be installed in a multitude of environments with varying ambient light conditions thanks to its anti-reflective coating.

Anti-reflection coating

The display’s unique surface treatment prevents reflection from external lighting, and achieves high brightness while maintaining a wide colour gamut and wide viewing angle.

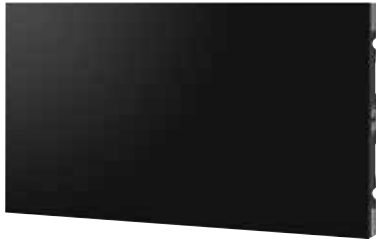
- High picture quality for realistic expression and colour matching
- Curved installation – up to 90-degree between cabinets
- Anti-reflection coating for flexibility in lighting
- Wide viewing angle for flexible shooting options

Easy Installation, Flexible Setup

Our Crystal LED B and C-series display systems are scalable for video walls of virtually any size, with a bezel-free design for gorgeous, seamless images.

Installation is simple, with flexible configurations to meet the creative demands of creators and designers. The modules can be placed on a wall or in a curved installation with minimum backspace thanks to front access to the unit.

Display cabinet



Front



Rear

Display controller



Front



Rear

Specifications

Display cabinet

Specification	ZRD-C12A	ZRD-C15A	ZRD-B12A	ZRD-B15A
Surface	Deep Black Coating		Anti-reflection Coating	
Pixel Pitch	1.26 mm	1.58 mm	1.26 mm	1.58 mm
Resolution (W x H)	480 x 270	384 x 216	480 x 270	384 x 216
Brightness (Max)	800 cd/m ²	750 cd/m ²	1,800 cd/m ²	1,700 cd/m ²
Contrast Ratio (0 lx)	More than 1,000,000:1			
Viewing Angle (H/V)	160° / 160°		170° / 170°	
Color Gamut (BT2020, Δu'v' coverage)	Approx. 83%			
Color Gamut (DCI-P3, Δu'v' coverage)	Approx. 97%			
Color Gamut (sRGB, Δu'v' area)	(ZRD-C12A/B12A : DCI acceptable)			
Bit Depth	22 bit Internal Processing			
Frame Rate	Up to 120 fps			
Signal Interface	1 in 1 out (2 x RJ45)			
Operation Temperature	0 - 35°C			
Power Requirements	AC100-240 V, 50 / 60 Hz			
Power Consumption (Max)	142 W (Per-sqm: 677 W)	135 W (Per-sqm: 643 W)	142 W (Per-sqm: 677 W)	135 W (Per-sqm: 643 W)
Power Consumption (Ave)	63 W (Per-sqm: 224 W)	60 W (Per-sqm: 213 W)	63 W (Per-sqm: 224 W)	60 W (Per-sqm: 213 W)
Dimensions (W x H x D)	608 x 342 x 76 mm			
Mass	Under 9.5 kg (Per-sqm: Under 45.7 kg)			
Application	Indoor			

Display controller

Specification	ZRCT-300
Maximum Control Number of Display Cabinet	ZRD-C12A / B12A:64 ZRD-C15A / B15A:100
Maximum Input Resolution (W X H)	3840 x 2160
Maximum Input Frame Rate	120 fps
Bit Depth	26 bit (RGB 26 bit each)
Multiple Controller Link	Yes
Maximum Linkage Number of Controller	20
Video Input	HDMI2.0 x 2, DisplayPort (DP1.2) x2
Cabinet Output	RJ45 x 12
Control	RJ45 (ethernet) x 1, USB x 1
Fan Noise	27 dBA - 32 dBA (27 dBA@25°C, 32 dBA@35°C)
Operation Temperature	0 - 35°C
Storage Temperature	-20°C - 60°C
Operation Humidity	20 - 80% (No condensation)
Storage Humidity	20 - 80% (No condensation)
Power Requirements	AC100 - 240V, 50 / 60Hz
Power Consumption (Max.)	100W
Dimensions (W X H X D) (Without pres)	440 x 65 x 349mm 17 3/8 x 2 5/8 x 13 3/4in
Mass	6.3kg / 13lb 14.2oz

Input Signal

HDMI

Resolution	Input frame rate ^[1]	Input bit depth	Input colour sampling
3840 x 2160	60P/50P	8 bit	RGB 4:4:4 ^[2] /YCbCr 4:4:4 ^[2] /YCbCr 4:2:0
		10 bit	YCbCr 4:2:2 ^[2]
	30P/25P/24P	12 bit	YCbCr 4:2:2 ^[2]
		12/10 bit	RGB 4:4:4 ^[2] /YCbCr 4:4:4 ^[2]
1920 x 1080	60P/50P/30P/25P/24P	8 bit	RGB 4:4:4/YCbCr 4:4:4
		12 bit	YCbCr 4:2:2
1280 x 720	60P/50P	12/10/8 bit	RGB 4:4:4/YCbCr 4:4:4/YCbCr 4:2:2 ^[3]
1024 x 768	60P/50P		
800 x 600	60P		
720 x 480	60P		
720 x 576	50P		
640 x 480	60P		

[1] 1,000/1,001 frame rate is also supported for 60P/30P/24P.
[2] Strongly recommend using premium high speed HDMI cables.
[3] 12 bit only.

DisplayPort: Single input

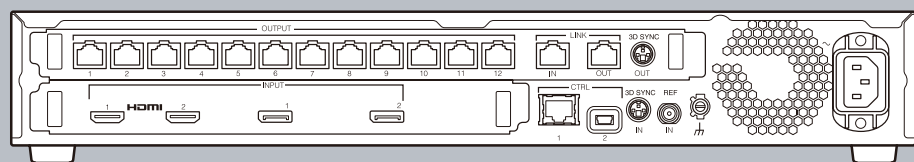
Resolution	Input frame rate ^[1]	Colour bit depth	Input colour sampling
3840 x 2160 ^[2]	60P/50P/30P/25P/24P	8/10 bit	RGB 4:4:4
1920 x 2160	120P ^[2] /100P ^[2] /60P/30P/25P/24P		
1920 x 1080	120P/100P/60P/50P/30P		

DisplayPort: Dual input

Resolution	Input frame rate ^[1]	Colour bit depth	Input colour sampling
3840 x 2160 ^[3]	120P/100P	8/10 bit	RGB 4:4:4

[1] 1,000/1,001 frame rate is also supported.
[2] Only multi-stream is supported.
[3] Supported by two input signals of 1920 x 2160, 120P.

Display Controller Connector Panels



Visual Simulation and Visual Entertainment

Every projector in our simulation and visualisation line-up delivers stunning high contrast, native 4K images. At more than four times the resolution of Full HD, it guarantees an astonishingly detail-packed experience, with richer colour and unbeatable image quality.

Whether you're creating a flight simulation for pilot training, a Planetarium, or sharing a finely-detailed visualisation for an automotive design, all projectors can provide you with the very best picture.

Image: The 3D Planetarium at La Coupole, Hefaut (France)



<p>● PrimeSupport Pro</p>	<p>● PrimeSupport Elite</p>	<p>● PrimeSupport On-Demand</p> <p>See page 5 for further details</p>
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For full product specifications and features please visit pro.sony/simulation-projectors

VPL-GTZ380



The world's most advanced compact 4K SXRD™ 10,000lm Laser Projector

The Sony VPL-GTZ380 is the world's most advanced projector designed for large home cinemas to bring a true theater experience home. An exceptional 10,000 lumens of brightness with 100% DCI-P3 wide color gamut is perfect for the largest and most lavishly equipped home cinema rooms and well-lit living spaces alike. The VPL-GTZ380 brings movies to life with strikingly expressive images that deliver an unforgettable viewing experience, for whatever you're watching.

- Improved laser light source including 3 different wavelength laser diodes achieves wide color gamut, which fully covers DCI-P3 and supports BT.2020 without brightness loss.
- Immersive images with picture enhancement features powered by Sony's flagship picture processor, X1 Ultimate for projector.
- Advanced filter-less cooling system makes it the world's smallest and quietest projector in its class.*

* For native 4K laser projectors in the 10,000-lumen-class or higher as of October 2020. Investigated by Sony.

VPL-GTZ280



High-speed signal processing, fast motion blur reduction, infrared light output for night vision, and vibration resistance - all ideal for visualisation, simulation and training applications.

- Exclusive SXRD chip provides native 4K resolution and high contrast ratio.
- 2,000 lumens brightness (5,000 lumens with optional upgrade).
- Quad DisplayPort inputs.
- 4K 3D capability for reliable simulation.*1
- Deep blacks reduce white band visibility for multi-projector blending.
- Long life optics, up to 20,000h (up to 40,000h in low brightness mode).
- Dust resistance by sealed optics.
- Constant brightness mode and periodic auto calibration for enduring image quality.
- High speed motion functions: 4K 120Hz input, smear reduction, transport delay reduction.*1
- Infrared light output for night vision simulation.*2
- Angle-free installation and vibration endurance for motion based system.
- Whisper quiet operation less than 35dB.
- HDR (High Dynamic Range) Gamma.*3



See page 5 for further details



See page 5 for further details

*1 With optional license LSM-120P1

*2 With optional license LSM-NVG1

*3 With optional license LSM-HDR1

Specifications		VPL-GTZ280	VPL-GTZ380	
Display system		4K SXRD panel, projection system		
Size of effective display area		0.74" x 3		
Number of pixels		26,542,080 (4096 x 2160 x 3) pixels		
Projection lens ²	Focus	Powered		
	Zoom	Powered		
Light source		Laser diode		
Light output	Standard	2,000 lm	10,000 lm	
	using the LSM-BRIN1 optional upgrade	5,000 lm		
Colour light output	Standard	2,000 lm	10,000 lm	
	using the LSM-BRIN1 optional upgrade	5,000 lm		
Contrast ratio	Native (conditions apply)	Up to 20,000:1*1	16,000 : 1 (typical)*1	
	Dynamic	∞:1		
Accepted digital signals ³	VGA, SVGA, XGA, WXGA (1280x768), Quad-VGA, SXGA, 720x480/60p, 720x576/50p, 1280x720/50p, 1280x720/60p, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 3840x2160/24p, 3840x2160/50p, 3840x2160/60p, 4096x2160/100P, 4096x2160/120P, 4096x2160/24p, 4096x2160/50p, 4096x2160/60p, 4096x2160/100P, 4096x2160/120P	•		
	VGA, SVGA, XGA, WXGA (1280x768), Quad-VGA, SXGA, 720x480/60p, 720x576/50p, 1280x720/50p, 1280x720/60p, 1920x1080/50i*4, 1920x1080/60i*4, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 3840x2160/24p, 3840x2160/25p*4, 3840x2160/30p*4, 3840x2160/50p, 3840x2160/60p, 4096x2160/24p, 4096x2160/25p*4, 4096x2160/30p*4, 4096x2160/50p, 4096x2160/60p	•		
	720x576/50p, 720x480/60p, 1280x720/50p, 1280x720/60p, 1920x1080/50i, 1920x1080/60i, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 1920x1080/120p, 1920x1080/100p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p, 3840x2160/60p, 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p, 4096x2160/60p, WUXGA/60p, QXGA/60p, QXGA/120p, WQHD/60p, WQHD/120p, WQXGA/60p, WQXGA/120p		•	
Colour bit depth		Up to 10 bit	Up to 12 bit via HDMI / Up to 10 bit via Display Port	
OSD language	18-languages	English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish		
INPUT OUTPUT (Computer/Video/Control)	HDMI	2 inputs (HDCP2.3)	•	
	DISPLAY PORT	4 inputs (HDCP 1.3 x 2, HDCP 1.3 for V Split x 2), Digital (RGB)	•	
		2 inputs (HDCP2.3)	•	
	TRIGGER	2 connectors, Mini jack, DC 12V Max.100 mA		
	REMOTE	RS-232C, D-sub 9-pin (female)	•	•
		RS-232C, D-sub 9-pin (male)		•
	LAN	RJ45, 10BASE-T/100BASE-TX		
	IR IN / OUT	IN:1, Out:1, Mini jack		
SYNC	IN:1, Out:1			
USB	x 1 (Type A, DC 5 V, Max. 500 mA)			
Acoustic noise	Standard	30 dB ~ 35 dB*1	33-39 dB*1	
Operating temperature / Operating humidity	5°C to 40°C (41°F to +104°F)/20% to 80% (no condensation)	•	•	
Storage temperature / Storage humidity	-10° to + 60° (14°F to +140°F)/20% to 80% (no condensation)	•	•	
Power requirements	AC 220 V to 240 V, 6 A, 50/60 Hz (For Europe and China) AC 100 V to 240 V, 12 A to 6 A, 50/60 Hz (For the other countries)	•		
	AC 200-240 V, 50/60 Hz, AC 100-120 V, 50/60 Hz (Brightness is dimmed.)		•	
Power consumption: High		MAX. 1.2 kW	Max. 2.0 kW (TBD)	
Power consumption (Standby mode, When "Remote Start" is set to "Off")		0.4 W		
Power Consumption (Networked Standby Mode, When "Remote Start" is set to "On")		0.6 W	1.0 W	
Heat dissipation		4092 BTU/h	6138 BTU/h	
Dimensions (W x H x D) (without protrusions)	550 x 228 x 750 mm (21 21/32 x 8 31/32 x 29 17/32 in)	•		
	560 x 228 x 760 mm (22 1/16 x 8 31/32 x 29 15/16 in)		•	
Dimensions (W x H x D)	550 x 262 x 750 mm (21 21/32 x 10 5/16 x 29 17/32 in)	•		
	560 x 228 x 760 mm (22 1/16 x 8 31/32 x 29 15/16 in)		•	
Mass		Approx. 40 kg / 88 lb (excluding lens)	Approx. 51 kg / 112 lb.	
Supplied accessories		RM-PJ29 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Safety Regulations (5)		

*1 This value is approximate. Depends on the projector setting condition and usage environment

*2 The lenses are optional accessories

*3 60p,30p,24p include 59.94/60Hz, 29.97Hz/30Hz, 23.98Hz/24Hz

*4 Available via HDMI input

Optional accessories



VPLL-Z7008
0.80:1 to 1.02:1



VPLL-Z7013
1.27:1 to 2.73:1

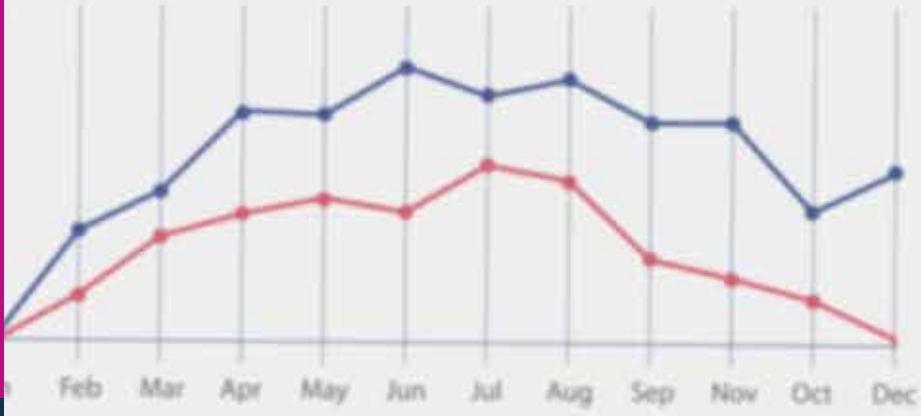
Classification

This data projector is classified as a CLASS 2 LASER PRODUCT. (Laser radiation, IEC-60825-1:2007)

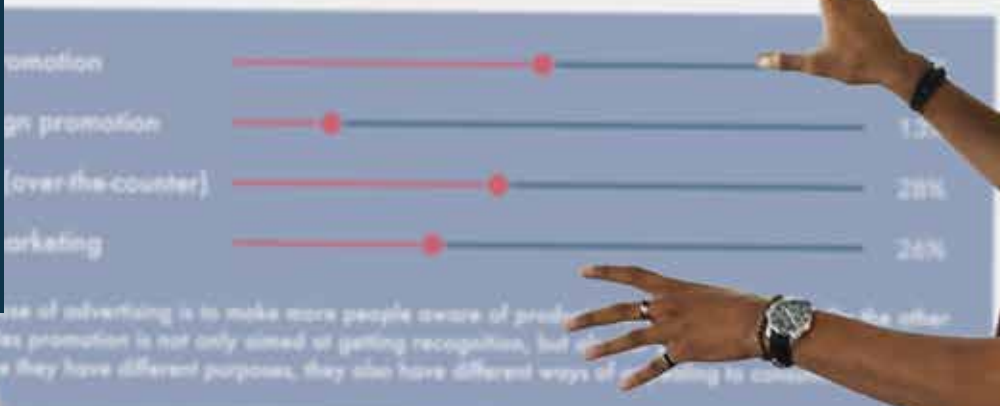
Featuring

HDMI 4K SXRD

For full product specifications and features please visit pro.sony/simulation-projectors



...the number of consumers who collect information on the Internet before purchasing is increasing, so it consider the methods and tools in consideration of the trends of the times.



...purpose of advertising is to make more people aware of products... the other... sales promotion is not only aimed at getting recognition, but also... they have different purposes, they also have different ways of... to con...



Projectors

From classrooms, meeting rooms to lecture halls, auditoriums and Museum exhibits, Sony projectors deliver outstanding quality, reliability and energy-efficiency in every kind of venue.

Outstanding image quality

Our laser projectors are ideal for a wide range of high-end businesses, education or large-scale applications. The powerful Z-Phosphor laser light source is teamed with Sony's advanced 3LCD projection engine to deliver extremely bright, rich, and stable colours.

Highlights

- Sony 3LCD BrightEra Core technology
- Sony Z-Phosphor Laser Light Source
- 4,200 to 13,000 colour and white light output
- XGA, WXGA, WUXGA & 4K Native resolution
- Energy-saving features
- Flexible installation
- Best-in-class warranty, service and support

From large venue to portable

Only Sony with over 40 years of core image processing innovation can provide state of the market projection to our customers.

From Large Venue, installation applications to classroom / meeting room lamp replacement, Sony can offer the right features, image quality, industry know-how that meets our customers very high standards.

Better, brighter pictures for longer

Now smarter than ever, Intelligent Settings fine-tunes picture parameters for beautiful images and consistently dependable performance in any environment, from teaching spaces to public venues. Through an optimisation algorithm, laser output and cooling are automatically adjusted according to the frequency of use – prolonging the working life of the projector.

 <p>See page 5 for further details</p> <p>PrimeSupport Pro</p>	 <p>See page 5 for further details</p> <p>PrimeSupport Elite</p>	 <p>See page 5 for further details</p> <p>PrimeSupport Bespoke</p>
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E-500 Series



These portable projectors fill larger rooms with bright, high-impact images. Smart features make the most of today's integrated AV/IT environments.

High brightness, high contrast images

Fill larger classrooms and meeting rooms with powerful output up to 4300 lumen brightness. High 20,000:1 contrast ratio ensures crisp, images and text.

Wider connectivity options

Project from a networked computer, or present wirelessly from laptops, tablets and smartphones. Dual HDMI ports for standard and latest wireless adaptors and direct USB display connection.

Affordable ownership costs

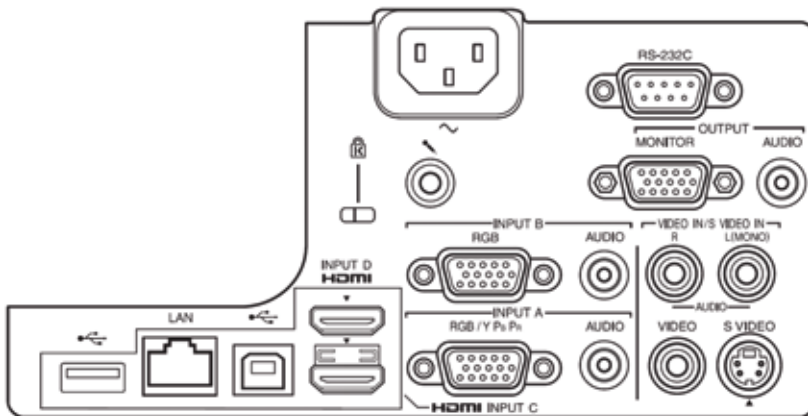
Smart energy-saving features like Auto Mode and Lamp Dimming, plus up to 10,000 hours lamp replacement intervals contribute to low ownership costs and reduced maintenance.

E-500 Series



Connector Panel Information

Rear connector panel for the VPL-EX575, VPL-EW575, and VPL-EW578 projectors



E-500 Series

Replacements



LMP-E221
Replacement projector lamp

Optional Accessories



IFU-WLM3
USB wireless module

Featuring



PrimeSupport
Pro

See page 5 for further details

Reference	Included Service PS.VPLB3.123.L3		PS.VPL. SESERIES.2Y	PS.VPL. SESERIES.3YL	PS.VPL. SESERIES.5YL
Support	Projector	Lamp	Projector	Projector	Projector
Duration	3 years	3 years or 3000 h	+2 years (Total 5 years)	3 years repair & loan	+2 years repair extension & 5 years loan product
Type of service	Standard Repair				

For full product specifications
and features please visit
pro.sony/projectors-desktop

Specifications			VPL-EX575	VPL-EW575
Display system	3 LCD		•	•
Size of effective display area	0.75" (19mm) x 3 BrightEra LCD Panel Aspect ratio 16:10			•
	0.63" (16 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3		•	
Number of pixels	3,072,000 (1280x800 x 3) pixels			•
	2,359,296 (1024x768 x 3) pixels		•	
Projection lens	Manual Focus		•	•
	Throw Ratio		1.40:1 to 2.27:1	1:10:1 to 1.79:1
Light source			Ultra high pressure mercury lamp 225W type	
Recommended lamp replacement time*1	Lamp mode:	High	4,000 H	4,300 H
		Standard	6,000 H	3,200 H
		Low	10,000 H	2,400 H
Filter cleaning / replacement cycle (Max.)*1			10,000 H	
Screen size			30" to 300" (0.76 m to 7.62 m)	
White & Colour Light output*2	Lamp mode:	High	4200 lm	
		Standard	3000 lm	
		Low	2300 lm	
Contrast ratio (full white / full black)*3			20000:1 (SYQ) 12000:1 (C1)	
Speaker			16W (monaural)	
Displayable scanning frequency	Horizontal		15 kHz to 92 kHz	
	Vertical		48 Hz to 92 Hz	
Display resolution	Computer signal input		Maximum display resolution: 1600 x 1200 dots, fV:60Hz	
	Video signal input		NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p	
Colour System			NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
Keystone correction (Max.)*4	Vertical		+/-30 degrees	+/-20 degrees
OSD language	27-languages	English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Greek, Czech, Slovakia, Romania		
INPUT OUTPUT (Computer / Video / Control)	INPUT A	RGB / Y PB PR input connector: Mini D-sub 15 pin female/Audio input connector: Stereo mini jack		
	INPUT B	RGB input connector: Mini D-sub 15 pin female/Audio input connector: Stereo mini jack		
	INPUT C	HDMI input connector: HDMI 19-pin, HDCP support/Audio input connector: HDMI audio support		
	INPUT D	HDMI input connector: HDMI 19-pin, HDCP support/Audio input connector: HDMI audio support		
	S VIDEO IN	S Video input connector: Mini DIN 4-pin		
	VIDEO IN	Video input connector: Phono jack		
	OUTPUT	MONITOR output connector: Mini D-sub 15 pin female/Audio output connector: Stereo mini		
	Y PB/CB PR/CR	Component: Mini D-sub 15 pin female		
	REMOTE	D-sub 9-pin male/RS232C		
	LAN	RJ-45, 10BASE-T/100BASE-TX	RJ45, 100BASE-TX (Shared with HDBaseT)	
	USB	Type-A & Type-B		
	MICROPHONE IN	Microphone jack: Mini Jack		
Acoustic noise*5	Lamp mode:	Low	29dB	
Operating temperature / Operating humidity			0°C to 40°C / 32°F to 104°F (20% to 80%; no condensation)	
Storage temperature / Storage humidity			-10°C to +60°C / 14°F to +140°F (20% to 80%; no condensation)	
Power requirements	AC 100 V to 240 V, 3.5 A to 1.5 A, 50 Hz / 60 Hz		•	•
	AC 100 V to 240 V, 3.4 A to 1.5 A, 50 Hz / 60 Hz			
Power consumption	AC 100 V to 120 V	High	333 W	332 W
		Standard	270 W	270 W
		Low	233 W	233 W
	AC 220 V to 240 V	High	320 W	319 W
		Standard	260 W	261 W
		Low	225 W	225 W
Power consumption (when "Standby mode" is set to "Low")	AC 100 V to 120 V	0.5 W		
	AC 220 V to 240 V	0.5 W		
Power Consumption (when "Standby Mode" is set to Standard")	AC 100 V to 120 V	5.5W (LAN) / 6.0W (optional WLAN module) / 6.2W (ALL Terminals and Networks Connected)		
	AC 220 V to 240 V	5.8W (LAN) / 6.3W (optional WLAN module) / 6.6W (ALL Terminals and Networks Connected)		
Standby Mode / Networked Standby Mode Activated			Approx. 10 Minutes	
Wireless Network(s) On/Off Switch			Press the MENU button, then select [Connection/Power] > [WLAN Settings] > [WLAN Connection] > Select On or Off	
Heat dissipation	AC 100 V to 120 V		1136 BTU	1133 BTU
	AC 220 V to 240 V		1092 BTU	1088 BTU
Dimensions (W x H x D) (without protrusions)			Aprox. 365 x 96.2 x 252 mm (14 3/8 X3 25/32 X9 29/32")	
Mass			Approx. 4 kg (8.8 lb)	Approx. 4.1kg (9 lb)
Supplied accessories			RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Operating Instructions (CDROM) (1), Quick Reference Manual (1) Lens cap (1)	
Optional Accessories			LMP-E221, IFU-WLM3 (WLAN module)	

*1 This figure is expected maintenance time, not guaranteed time.
The actual value depends on the environment and how the projector is used.

*2 The values are estimate.

*3 The value is average.

*4 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

*5 The figures are approximate. They vary depending on the environment or how the projector is used.

CW-Series



Smallest Laser projector series on the market. WXGA resolution that looks like WUXGA with our new built-in scaler chip. The ultimate laser projector for lamp replacement. Same energy efficiency, TCO, image quality, brightness and stylish design that comes with our other PH Series.

Spectacular image quality

New scaler chip that minimises image degradation, and Powerful Z-Phosphor laser light source with advanced BrightEra 3LCD projection engine deliver detail-packed images with high 5000 lumens of colour brightness.

Long life, less maintenance

Reliable, long-lasting laser light source offers up to 20,000 hours virtually maintenance-free operation.

The Ultimate replacement

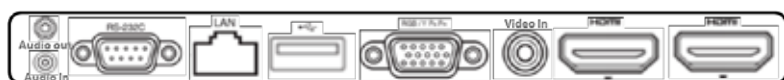
Smallest chassis, 5,000 colour & white light output and stylish blend-in design.

CW-Series



Connector Panel Information

Rear connector panel for the CW-Series projectors



PrimeSupport Pro

See page 5 for further details

Reference	Included Service PS.LASERPROJ.5		
Support	Projector	Laser	
Duration	5 years	12000 hours	
Type of service	Standard Repair		

PrimeSupport Elite

See page 5 for further details

Reference	PSPVPLP-SER.EXC.5		PSPVPLP-SER.HVY.5	
Support	Projector	Laser	Projector	Laser
Duration	5 years	12000 hours	5 years	20000 hours
Type of service	Advanced Replacement			

CH-Series

Featuring



For full product specifications and features please visit pro.sony/laser

Specifications		VPL-CWZ10	
White & Colour Light output	3 LCD system		•
Size of effective display area	0.64" x 3 BrightEra LCD Panel, Aspect ratio: 16:10		•
Number of pixels Size of effective display area	3,072,000 (1280x800 x 3) pixels		•
	WXGA (1280x800 pixels)		•
	Aspect ratio: 16:10		•
Projection lens	Zoom		Manual
	Focus		Manual
	Lens shift		0.37V
	Throw ratio		1.29:1 to 2.07:1
	Focal length (mm) / Aperture		f=18.20mm-29.38mm f/ 1.65-2.15
Light source	Laser + Phosphor		
Filter cleaning	-		
White & Colour Light output ^{*1}	Lamp mode:	High	5,000 lm
		Standard	4,000 lm
		Low	3000 lm
Contrast ratio (full white / full black) ^{*2}		∞:1(SYQ) 3,000,000:1(C1)	
Key stone correction (Max) ^{*3}		Horizontal: +/-30 degrees Vertical: +/-30 degrees	
Power requirements		AC 100 V to 240 V, 3.4 A to 1.5 A, 50 Hz / 60 Hz	
Speaker		16W (monaural)	
Display scanning frequency	Horizontal		15 kHz to 92 kHz
	Vertical		48 Hz to 92 Hz
Display resolution	Computer signal input Maximum display resolution: 1920 x 1200 dots		
	Video signal input NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p/1080/24p		
Colour system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60		
OSD language	27-languages	27-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese (簡・繁), Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Greek, Czech, Slovakia, Romania)	
Operating Instructions languages		English, Germany, French, Italy, Spanish, Russian, Japanese, Arabic	
INPUT OUTPUT (Computer / Video / Control)	INPUT A	RGB / Y PB PR input connector: Mini D-sub 15 pin female Audio input connector: Stereo mini jack	
	INPUT B	HDMI input connector: HDMI 19-pin, HDCP support, Audio input connector: HDMI audio support	
	INPUT C	HDMI input connector: HDMI 19-pin, HDCP support, Audio input connector: HDMI audio support	
	VIDEO IN	Video input connector: Phono jack	
	OUTPUT	Audio output connector : Stereo mini	
	REMOTE	D-sub9pin male/RS232C	
	LAN	RJ45,10BASE-T/100BASE-TX	
	USB	Type-A (Only for FW upgrade)	
Acoustic noise ^{*4}	Lamp mode:	High	36dB
		Standard	32dB
		Low	28dB
Operating temperature / Operating humidity		0°C to 40°C (32°F to 104°F) / 20% to 80% (no condensation)	
Storage temperature / Storage humidity		-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)	
Power consumption AC 100 V - 120 V	Lamp mode:	High	342 W
		Standard	319 W
		Low	274 W
Power consumption AC 220 V - 240 V	Lamp mode:	High	326 W
		Standard	302 W
		Low	252 W
Power consumption (when "Standby mode" is set to "Low")	AC 100 V to 120 V	0.5 W	
	AC 220 V to 240 V	0.5 W	
Power Consumption (Networked Standby Mode)	AC 100 V to 120 V	2W (Wake up on LAN) / 15W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")	
	AC 220 V to 240 V	2W (Wake up on LAN) / 15W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")	
On mode power consumption	AC 100 V to 120 V	320W	
	AC 220 V to 240 V	300W	
Heat dissipation	AC 100 V to 120 V	1167 BTU/h	
	AC 220 V to 240 V	1112 BTU/h	
Body Colour (Colour Code)	White/Gray		•
Dimensions (W x H x D)	371 x 117 x 319.3		
Outside Dimensions (W x H x D) (without protrusions)	Approx. 510 x 113 x 354.6mm		
Mass	Aprox. 371x 100 x 319.3 mm		
Supplied accessories	Remote commander (New RM-PJB (SYQ), New RM-PJ8CN (C1)), Battery (CR2025), HD15pin Cable, AC power cord, Operating instructions (CD-ROM), Quick Reference Manual (QRM), Safety Regulation, Warranty card, Security label, Flyers (Warning), (WEEE), (EU Battery direction) / Security bar, Kensington Lock		
Battery for the remote commander of the projector	Lithium Battery / CR2025 / 1		

*1 The values are estimates.

*2 This value is average with lamp dimming.

*3 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

*4 The figures are approximate. They vary depending on the environment or how the projector is used.

P-Series Laser Projectors



The world's smallest, lightest 6,000 lumen* laser projector**

Beautifully slim, light and stylish, the VPL-PHZ60/50 laser projector combines outstanding picture performance with impressive 6,000 lumen* image brightness and dependable reliability. With discreet blend-in styling, minimal maintenance needs and flexible installation options, it's the natural partner for today's integrated AV environments.

Vivid, crisp images to impress every audience

Experience wonderfully rich, finely-detailed images. Colours and gradients are reproduced accurately, whilst the exclusive Reality Creation feature optimises every pixel to enhance on-screen content, without adding digital picture noise. Bright View delivers easy-to-see images, even in bright environments.

Better, brighter pictures for longer

Intelligent Settings fine-tunes picture parameters for beautiful images and consistently dependable performance in any environment. Through an optimisation algorithm, laser output and cooling are automatically adjusted according to the frequency of use – prolonging the working life of the projector.

More flexibility for fuss-free installation

With a generous +55% vertical lens shift range and widened throw ratio range, installation options can be flexible, making it easy to achieve perfectly-proportioned pictures without long pole mounts or keystone correction when the projector's ceiling mounted.

P-Series



Connector Panel Information

Rear connector panel for the VPL-PHZ50 & VPL-PWZ60 projectors



PrimeSupport Pro

See page 5 for further details

Reference	Included Service PS.LASERPROJ.5		
Support	Projector	Laser	
Duration	5 years	12000 hours	
Type of service	Standard Repair		

PrimeSupport Elite

See page 5 for further details

Reference	PSP.VPLP-SER.EXC.5		PSP.VPLP-SER.HVY.5	
Support	Projector	Laser	Projector	Laser
Duration	5 years	12000 hours	5 years	20000 hours
Type of service	Advanced Replacement			

P-Series

Featuring



For full product specifications and features please visit pro.sony/laser

*VPL-PHZ60 6,000 lm (6,500 lm center) / VPL-PHZ50 5,000 lm (5,400lm center)
 **As of October 2020 (according to Sony research), in 3LCD laser projectors

Specifications			VPL-PHZ50	VPL-PHZ60
Display device			3 LCD system	
Size of effective display area			0.64" (16.3 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10	
Number of pixels			6,912,000 (1920 x 1200 x 3) pixels	
Projection lens*1	Zoom	Manual (Approx. x 1.6)		
	Focus	Manual		
	Lens shift	Manual, Vertical: -35% to +55%, Horizontal: +/- 15%		
	Throw Ratio	1.23:1 to 1.97:1		
Light source			Laser diode	
Filter cleaning / replacement cycle (Max.)*1			20,000 H (service maintenance)	
Screen size			40" to 300" (1.02 m to 7.62 m) (measured diagonally)	
Light output (Mode: Standard / Middle)*2			5,000 lm*3, 5,400 lm (Center)*4 / 4,000 lm	6,000 lm*3, 6,500 lm (Center)*4 / 4,500 lm
Color light output (Mode: Standard / Middle)*2			5,000 lm / 4,000 lm	6,000 lm / 4,500 lm
Contrast ratio (full white / full black)*2			∞ : 1	
Speaker			16 W	
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz		
	Vertical	24 Hz to 92 Hz		
Accepted signal resolution	Computer signal input	Maximum signal resolution: 1920 x 1200 (4K/30p, 3840 x 2160 acceptable)		
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for HDMI input only; 1080/60p, 1080/50p, 4k/30p, 4k/25p, 4k/24p (4k means 3840)		
Color system			NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
Keystone correction (Max.)	Horizontal	+/- 30 degrees		
	Vertical	+/- 30 degrees		
OSD language			27-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Greek, Czech, Slovakia, Romania)	
INPUT / OUTPUT (Computer / Video / Audio / Control)	INPUT A	RGB/Y PB PR input connector	Mini D-sub 15 pin (female), Audio input connector: Stereo mini jack	
	INPUT B	HDMI input connector	HDMI 19-pin, Digital RGB/Y PB PR, HDCP support, Audio input connector: HDMI audio support	
	INPUT C			
	INPUT D	HDBaseT interface connector	RJ45, 4 play (Video, Audio, LAN, Control)	
	VIDEO IN	Video input connector	Phono jack (Composite), Audio input connector: Shared with INPUT A	
	OUTPUT	Audio output connector	Stereo mini jack	
	REMOTE	D-sub 9-pin (male) / RS232C		
	LAN	RJ45, 10BASE-T / 100BASE-TX		
	USB	TYPE-A x 1 (for F/W update), TYPEA for Power supply		
Acoustic Noise (Mode: Standard / Middle)*2			35 dB / 32 dB	37 dB / 34 dB
Operating temperature (Operating humidity)			0°C to 40°C (32°F to 109°F) / 20% to 80% (no condensation)	
Storage temperature (Storage humidity)			-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)	
Power requirements			AC 100 V to 240 V, 4.4 A to 1.9 A, 50 Hz / 60 Hz	
Power consumption	Standard Mode	AC 100 V to 120 V	440 W	
		AC 220 V to 240 V	418 W	
	Standby	AC 100 V to 120 V	0.5 W (when "Standby mode" is set to "Low")	
		AC 220 V to 240 V		
	Networked Standby	AC 100 V to 120 V	1 W (LAN), 16 W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")	
		AC 220 V to 240 V	1 W (LAN), 15 W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")	
Standby Mode (Networked Standby Mode Activated)			Networked Standby Mode Activated Approx. 2 Minutes	
Dimensions (without dust filter, protrusions)			Approx. W 422 x H 100 x D 333 mm (16 5/8 x 3 15/16 x 13 1/8 inches)	
Mass			Approx. 6.6 kg (15 lb)	Approx. 7.0 kg (15 lb)
Supplied accessories			RM-PJ8 Remote Commander (1), Lithium battery (CR2025) (1), AC Power Cord (1), Quick Reference Manual (1)	

*1 This figure is the expected maintenance time, not a guaranteed time. The actual value depends on the environment and how the projector is used.

*2 The figures are approximate. They vary depending on the environment or how the projector is used.

*3 The value is in accordance with ISO 21118, and may differ depending on the actual unit. Brightness and contrast vary depending on use conditions and environments.

*4 The value is light output measured at center area of screen in Standard mode, and average of all products shipped.

F-Series Laser Projectors



Model: VPL-FHZ90L/120L
Black and Lensless models are available

Sony's flagship laser projectors for larger and more demanding venues requiring the best in technology, resolution and highly sophisticated features. Delivers powerful performance, optional lenses, up to 30,000 hours* of life and attractive TCO.

Laser light projectors with Sony 3LCD BrightEra™ Panel Technology

In a world first, Sony has combined a highly efficient laser light source with 3LCD BrightEra™ technology. This unique combination delivers exceptionally bright, high contrast pictures with excellent colour accuracy and stability, plus high efficiency and significantly greater durability for reduced lifetime ownership costs.

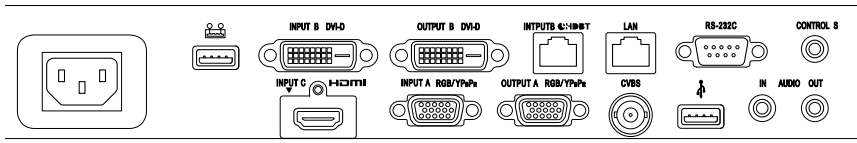
* In middle mode



F-Series

Connector Panel Information

Rear connector panel for the VPL-FHZ80 & VPL-FHZ85 projectors



PrimeSupport Pro

See page 5 for further details

Reference	F Laser models (VPL-FHZ80 & FHZ85) Included Service PS.LASERPROJ.5	
Support	Projector	Laser
Duration	5 years	12000 hours
Type of service	Standard Repair	



PrimeSupport Elite

See page 5 for further details

Reference	F Laser models (VPL-FHZ80 & FHZ85)			
	PSP.VPL-FZ.EXC.5		PSP.VPLZ.HVY.5	
Support	Projector	Laser	Projector	Laser
Duration	5 years	12000 hours	5 years	20000 hours
Type of service	Advanced Replacement			

F-Series

Featuring



Specifications			VPL-FHZ80	VPL-FHZ85
Display system	3LCD System		•	•
Size of effective display area	0.76" (19 mm) x 3		•	•
Aspect ratio	16:10		•	•
Resolution. Number of pixels	WUXGA (1920x1200 pixels)X3		•	•
Projection lens	Focus	Powered (Standard lens)		
	Zoom - Powered/Manual	Powered (Standard lens)		
	Zoom - Ratio	Approx. x1.6 (Standard lens)		
	Throw Ratio	1.39-2.23:1 (Standard lens)		
Lens shift	Powered/Manual	Powered		
	Range Vertical	-5%~+70% (Standard lens)		
	Range Horizontal	+/- 32%		
Light source	Type	Laser diode		
Laser life	Standard	20,000 H		
	Middle	30,000 H		
Automatic filter cleaning (Cleaning cycle)		Yes (100h)		
Filter cleaning maintenance / replacement cycle (Max.)		- / 20,000 h		
Screen size (Max)		40" to 600" (Standard lens)		
White & Colour Light output ¹	Light output mode	Standard	6,000lm (6,500 lm@center)	7,300lm (8,000 lm@center)
		Middle	4,800lm	5,840lm
Contrast ratio (full white / full black) ²		∞:1		
Displayable scanning frequency	Horizontal	15kHz to 93kHz		
	Vertical	23Hz to 63Hz		
Supported Display Signal	Computer signal input	Maximum display resolution: 1920 x 1200 dots		
	Video signal input	480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 3840/60p, 3840/30p, 3840/25p, 3840/24p, 4096/60p, 4096/30p, 4096/25p, 4096/24p		
Colour System	NTSC, PAL, SECAM, 480/60i, 576/50i			
Keystone correction (Max.) ⁴	Vertical	+/- 30 degrees		
	Horizontal	+/- 30 degrees		
INPUT / OUTPUT (Computer / Video / Audio)	INPUT A	RGB / Y PB PR : Mini D-sub 15 pin female Audio : Stereo mini jack		
	INPUT B	DVI : DVI-D 24-pin (single link), HDCP support Audio : Shared with input A		
	INPUT C	HDMI : HDMI 19-pin, Digital RGB/YBPBR, HDCP support, HDMI audio support		
	INPUT D	HDBaseT interface connector: RJ45, 4 play (Video, Audio, LAN(100BASE-TX), RS-232C)		
	S VIDEO IN	-		
	VIDEO IN	Video : BNC Audio : Shared with input A		
	OUTPUT A	Monitor output for Input A : Mini D-sub 15 pin female Audio : Stereo mini jack, stereo		
	OUTPUT B	Monitor output for Input B : DVI-D 24-pin (single link), HDCP not supported Audio : Stereo mini, shared with OutputA		
INPUT / OUTPUT (Control signal)	REMOTE	D-sub9pin male/RS232C		
	LAN	RJ45,10BASE-T/100BASE-TX		
	IR (Control S)	Stereo mini jack, Plug in power DCSV		
INPUT / OUTPUT (Others)	USB 1	Yes (f/w update)		
	USB 2	-		
	USB Power Supply	Yes (5V 2A)		
OSD language	24-languages	English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi, Finnish, Indonesian, Hungarian, Greek		
Acoustic noise ⁵	Standard	36 dBA	38 dBA	
	Middle	34 dBA	36 dBA	
	Custom	26-36 dBA	26-38 dBA	
Operating temperature / Operating humidity ⁵		0°C to 45°C (32°F to 109°F) / 20% to 80% (no condensation)		
Storage temperature / Storage humidity ⁵		-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)		
Power requirements		AC 100 V to 240 V, 5.1 A to 2.2 A, 50 Hz / 60 Hz		
Power consumption	AC 100 V to 120 V	397 W	506 W	
	AC 220 V to 240 V	378 W	474 W	
Dimensions	W x H x D	460 x 173.5 x 514 mm (18 1/8" x 6 7/8" x 20 1/4")		
	W x H x D (without protrusions)	460 x 169 x 494 mm (18 1/8" x 6 3/4" x 19 1/2")		
Mass	Approx. 13 kg (28 lb)		Approx. 13 kg (29 lb)	
Supplied accessories	Remote commander	RM-PJ30		
	Size of battery	2 x AA(R6)		
Optional accessories	Projection lens	VPLL-3003, 3007, Z3009, Z3010, Z3024, Z3032		

^{*1} With supplied standard lens.

^{*2} This figure is expected maintenance time, not guaranteed time.
The actual value depends on the environment and how the projector is used.

^{*3} The value is average.

^{*4} Available for VESA Reduced Blanking signal.

^{*5} To be updated for VPL-FHZ70 & VPL-FHZ75.

^{*6} The values are estimate.

^{*7} This figure is expected maintenance time, not guaranteed time.
The actual value depends on the environment and how the projector is used.

^{*8} The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

^{*9} When using BKM-PJ20.

Specifications			VPL-FHZ91L	VPL-FHZ101L	VPL-FHZ131L
Display system	3LCD System		•	•	•
Size of effective display area	1" x 3 BrightEra LCD Panel, Aspect ratio: 16:10		•	•	•
Number of pixels	6,912,000 (1920 x 1200 x 3) pixels		•	•	•
Projection lens*1	Focus		Powered		
	Zoom - Powered/Manual		Powered		
	Zoom - Ratio		Depend on Lens		
	Throw Ratio		Depend on Lens		
Lens shift	Powered/Manual		Powered		
	Range Vertical		Depend on Lens		
	Range Horizontal		Depend on Lens		
Light source	Type		Laser+Phosphor		
Laser life *4	Light output mode: Standard		20,000 H		
Filter cleaning / replacement cycle (Max.) *2			10,000 H (service maintenance)		
Auto filter cleaning			•	•	•
Screen size (Max)			Depend on Lens		
White & Colour Light output *5	Lamp mode:	Standard	9,000lm	10,000 lm	13,000 lm
		Middle	8,000 lm	8,800 lm	10,000 lm
Contrast ratio (full white / full black)			∞:1	∞:1	∞:1
Colour calibration			Yes (500 hours)		
Displayable scanning frequency	Horizontal		15 kHz to 92 kHz		
	Vertical		48 Hz to 92 Hz		
Display resolution	Computer signal input *4		Maximum display resolution: 1920 x 1200 dots		
	Video signal input		480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for digital signal only; 1080/60P, 1080/50p, 1080/30p, 1080/24p		
Colour System			-		
Keystone correction (Max.) *1*8	Vertical		+/- 30 degrees		
	Horizontal		+/- 30 degrees		
INPUT OUTPUT (Computer / Video /Control)	INPUT A		RGB / Y PB PR input connector: 5 BNC female, G with sync/Y : 1 Vp-p ±2dB, sync negative, 75 ohms terminated, RGB/PbPr: 0.7 Vp-p ±2dB, 75 ohms terminated, Sync signal: TTL level high impedance, positive/negative		
	INPUT B		RGB input connector: Mini D-sub 15-pin female, RGB: 0.7 Vp-p ± 2 dB, 75 ohms terminated, Sync signal: TTL level high impedance, positive/negative		
	INPUT C		DVI input connector: DVI-D 24-pin (single link), HDCP support HDCP: v1.4		
	INPUT D		HDMI input connector: HDMI 19-pin, Digital RGB/YBPBR, HDCP support HDCP: v1.4		
	INPUT E		HDBaseT interface connector: RJ45, 3 play (Video, LAN(100BASE-TX), RS-232C)		
	INPUT F		Optional adaptor slot for 3G-SDI Input Adaptor (BKM-PJ20)		
	INPUT G		HTML Viewer		
	VIDEO IN		-		
	OUTPUT 1		MONITOR output connector: Mini D-sub 15 pin female, G with sync/Y : 1 Vp-p ±2dB, sync negative, 75 ohms terminated, RGB/PbPr: 0.7 Vp-p ±2dB, 75 ohms terminated, Sync signal: HD, VD4V(open), 1 Vp-p(75 ohms), positive/negative		
	REMOTE		D-sub9pin male/RS232C		
LAN		RJ45, 10BASE-T/100BASE-TX/1000BASE-T			
IR (Control S)		-			
OSD language	24-languages	24-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese (簡・繁・ Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Indonesian, Finnish, Hungarian, Greek) with Sony sales co. customizable			
Acoustic noise	Lamp mode:	Standard	42 dB		
		Middle	39 dB		
Operating temperature / Operating humidity	0°C to 45°C (32°F to 109°F) / 20% to 80% (no condensation)		•	•	•
Storage temperature / Storage humidity	-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)		•	•	•
Power requirements			AC 100 V to 240 V, 8.4 A to 3.4 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 8.4 A to 3.4 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 10.8 A to 4.4 A, 50 Hz / 60 Hz
Power consumption Lamp mode: High	AC 100 V to 120 V		840Wmax	840Wmax	1076Wmax
	AC 220 V to 240 V		814Wmax	814Wmax	1033Wmax
Power consumption (Standby mode)	AC 100 V to 120 V		0.50 W		
	AC 220 V to 240 V		0.50 W		
Power Consumption (Network Standby Mode)	AC 100 V to 120 V		21.6W (LAN) / 26.5W (HDBT) / 26.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")		
	AC 220 V to 240 V		21.3W (LAN) / 26.5W (HDBT) / 26.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")		
Body colour			White/Gray, Black/Black		
Dimensions (W x H x D) (without protrusions)			Approx. 544 x 205 x 564 mm		
Mass			Approx. 27kg (58lb)		
Supplied accessories	Remote commander		RM-PJ30		
Optional accessories	Projection Lens		VPLL-4008, Z4111, Z4015, Z4019, Z4025, Z4045, Z4107		

*1 The values are estimates.

*2 This value is average with lamp dimming.

*3 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

*4 The figures are approximate. They vary depending on the environment or how the projector is used.

F-Series – Optional Lenses



VPL-FHZ70 & VPL-FHZ75

Optional Bayonet Lenses

	VPLL-3003 WUXGA: 0.33:1		VPLL-3007 WUXGA: 0.65:1		VPLL-Z3009 WUXGA: 1.0-1.39:1
	VPLL-3010 WUXGA: 1.0-1.39:1		VPLL-Z3024 WUXGA: 2.34 - 3.19		VPLL-Z3032 WUXGA: 3.18 - 4.84

VPL-FHZ91L, VPL-FHZ101L & VPL-FHZ131L

Optional Lenses

	VPLL-Z4107 WUXGA 0.75 - 0.94		VPLL-4008 WUXGA: 1.00:1		VPLL-Z4111 WUXGA: 1.30 - 1.96 Standard
	VPLL-Z4015 WUXGA: 1.85 - 2.44		VPLL-Z4019 WUXGA: 2.41 - 3.07		VPLL-Z4025 WUXGA: 3.02 - 5.58
	VPLL-Z4045* WUXGA: 5.56 - 7.50				

* VPLL-Z4045 max mechanical shift 9.6:1

For full product specifications and features please visit pro.sony/installation







Visual Imaging Cameras

Sony's professional 4K and Full HD visual imaging cameras take your video creation to a new level

Smooth, silent operation combined with a powerful zoom range: you'll capture every presenter and contributor with crisp clarity using our PTZ cameras.

The SRGs feature unique View-DR* and XDNR* and Clear Image Zoom* technology from Sony, ensuring you capture clarity at distance or in poor light environments.


The new Exmor R CMOS Sensor ensures high quality 4K* images with less noise.


The SRGs support multiple camera control protocols, multi stream codec as well as NDIHX* offering great compatibility and flexible IP.

Control is easy, over standard IP networks as well as the ability to stream* video over the same network connection.

*Camera model dependent



 PrimeSupport Pro		See page 5 for further details	
Reference	Included service		
Duration	3 years Standard Repair		

 PrimeSupport Elite		See page 5 for further details	
Reference	PSP.SRG.2X		
Duration	2 years Advanced Replacement		

SRG PTZ Series



Ideal for a wide range of applications - from classrooms and meeting spaces to houses of worship, lecture halls and medical environments. The SRG Series feature smart monitoring features and standard compliance for easy network integration.



Specifications	SRG-X400 (4K)	SRG-X120	SRG-300H
Interface	HDMI, 3G-SDI and IP		HDMI
Sensor	1/2.5 type ExmorR CMOS		1/2.8 type Exmor CMOS
Signal format	2160*1/29.97p, 25p, 23.98p (HDMI and IP only) 1080/59.94p, 50p, 29.97p, 25p, 23.98p 1080/59.94i, 50i 720/59.94p, 50p		1080/59.94p, 50p, 29.97p, 25p 1080/59.94i, 50i 20/59.94p, 50p, 29.97p, 25p
NDI® HX	Yes (Optional)		No
IP Video Streaming	RTSP / RTMP(S) / SRT		No
Zoom	30x (4K with CIZ)/40x (HD with CIZ)	12x (4K/HD)	Optical 30x, Digital 12x
Pan/Tilt Speed	Max. Pan: 300°/sec / Max. Tilt: 126°/sec		Max. Pan: 100°/sec / Max. Tilt: 90°/sec
Horizontal Viewing Angle	Approx. 70.0 degree (Wide)		Approx. 65 degree (wide)
Preset Position	256 (CGI), 100 (VISCA)		16
Broadcast Picture Adjustment	No		No
Audio Input	Yes (2ch)		No
Genlock	No		No
Power	DC 12 V, PoE+		DC 12V
Control	RS-422, VISCA over IP, CGI	RS-422, RI-45 VISCA over IP, CGI	VISCA, RI-45 VISCA over IP
Ceiling Mount	Yes		



Specifications	SRG-120DH	SRG-120DS	SRG-120DU
Interface	HDMI	3G-SDI	USB
Sensor	1/2.8 type Exmor CMOS		
Signal format	1080/59.94p, 50p, 29.97p, 25p 1080/59.94i, 50i 720/59.94p, 50p, 29.97p, 25p	1080/59.94p (A/B), 50p (A/B), 29.97p, 25p 1080/59.94i, 50i 720/59.94p, 50p, 29.97p, 25p	1080/59.94p, 50p, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p, 15p
NDI® HX	No		
IP Video Streaming	No		
Zoom	12 x		
Pan/Tilt Speed			
Horizontal Viewing Angle	Approx. 71 degree (Wide)		
Preset Position	16		
Broadcast Picture Adjustment			
Audio Input	No		
Genlock			
Power	DC 12V		
Control	RS-232, VISCA, RI-45 VISCA over IP		RS-232, VISCA, RI-45 VISCA over IP, UVC
Ceiling Mount	No		

*1 Available when 4K Option is attached

For full product specifications and features please visit pro.sony/network-camera-systems



SRG Box/PoV Series



NEW Compact size that fits easily into any environment with upper and lower tripod mount for installation flexibility. Large, easy-to-see tally lamp suitable for multiple camera applications and robustness guaranteed thanks to rear panel guards.



Specifications	SRG-XP1	SRG-XB25
Interface	HDMI 2.0 / Ethernet / USB3.0	HDMI 2.0 / Ethernet
Sensor	1/1.8" 8.42MP CMOS	1/2.5" 8.5MP CMOS
Signal format	3840p / 1080p / 1080i / 720p / 480p (480p is only for HDMI) & UVC MJPEG	
Frame Rate	59.94/50/29.97/25	
IP Video Streaming	RTSP / RTMP(S) / SRT / MPEG-TS and NDI® HX (optional)	
Optical Zoom	No	25X
Digital Zoom	6x (including pixel zoom)	
Pan / Tilt / Zoom	ePTZ	No
Horizontal Viewing Angle	102°	68°
Audio Output	No	Yes
Audio Input	3.5mm x1	
Power	12VDC +/-20%	
POE	Yes (IEEE802.3af)	
Control	VISCA over IP / ONVIF Profile S / CGI command / UVC	VISCA over IP / ONVIF Profile S / VISCA / CGI command
Ceiling Mount	Yes. Tripod Mount (upper & lower)	

For full product specifications and features please visit pro.sony/network-camera-systems

BRC PTZ Series



From TV studios and sports stadiums to auditoriums, lecture theatres and houses of worship – our sophisticated, dependable BRC remote cameras capture and stream broadcast-quality video footage in detail-packed 4K or Full HD.



4K



4K



HD



HD

Specifications	BRC-X1000 (4K)	BRC-X400 (4K)	BRC-H900 (HD)	BRC-H800 (HD)
Interface	3G-SDI x2, HDMI	3G-SDI, HDMI, IP	HD/SD-SDI, Composite, RGB/Component, S Video	3G-SDI, HDMI
Sensor	1.0-type Exmor R CMOS	1/2.5 type Exmor R CMOS	1/2 type Exmor 3CMOS	1.0 type Exmor R CMOS
Signal format	2160/29.97p, 25p, 23.98p 1080/59.94p, 59.94i, 50p, 50i, 23.98p 720/59.94p, 50p	2160/29.97p, 25p, 23.98p (HDMI and IP only), 1080/59.94p, 50p, 29.97p, 25p, 23.98p 1080/59.94i, 50i 720/59.94p, 50p	60 Hz: 1080/59.94i, 720/59.94P, NTSC 50 Hz: 1080/50i, 720/50P, PAL	1080/59.94p, 59.94i, 50p, 50i, 23.98p 720/59.94p, 50p
NDI® HX*	No	Yes (Optional)	No	
IP Video Streaming	No	RTSP / RTMP(S) / SRT	No	
Zoom	18x (4K with CIZ)/24x (HD with CIZ), Max. 48x (HD with CIZ and Tele Convert Mode)	30x (4K with CIZ)/40x (HD with CIZ), Max. 80x (HD with CIZ and Tele Convert Mode)	14x	24x (with CIZ), Max. 48x (HD with CIZ and Tele Convert Mode)
Pan/Tilt Speed	0.3°/sec ~ 60°/sec	Max. Pan: 300°/sec Max. Tilt: 126°/sec	0.3°/sec ~ 60°/sec	
Horizontal Viewing Angle	Approx. 64.6 degree (Wide)	Approx. 70.0 degree (Wide)	Approx. 59.6 degree (Wide)	Approx. 64.6 degree (Wide)
Preset Position	100	256 (CGI), 100 (VISCA)	16	100
Broadcast Picture Adjustment	Gamma/Knee/Detail/ Black gamma/Colour matrix	Gamma/Knee/Black Gamma/ Colour Matrix	Gamma/Knee/Detail/ Black gamma/Colour matrix	
Audio Input	No	Yes (2ch)	No	No
Genlock	Yes			
Power	DC12 V, PoE+		DC 12 V	DC12 V, PoE+
Control	RS-422 (VISCA)/RJ-45 (VISCA over IP) RS-422 (VISCA)/RJ-45 (VISCA over IP)		RS-232C, RS-422 (VISCA)/ RJ-45 (VISCA over IP (Optional))	RS-422 (VISCA)/RJ-45 (VISCA over IP)
Ceiling Mount	Yes			

*1 with Dual link 3G-SDI (25i only) for 4K video output

* CNA-1 and HZC-BRCN1 are required.

For full product specifications and features please visit pro.sony/network-camera-systems

RM-IP10



Up to 5 controllers can operate on a single network

- Up to 5 RM-IP10 control panels can be used on a single network allowing shared control and simultaneous multi-operator control of large camera systems.

Control of up to 112 SRG/BRC cameras via IP

- The RM-IP10 remote control panel gives you control of up to 112 BRC cameras over an IP network.

Simple RJ-45 (10Base-T/100Base-TX) connection for easy connection

- The RM-IP10 links to an IP network with via a RJ-45 connector providing very easy, low cost and speedy installation.

Additional ability to use VISCA control

- The RM-IP10 can also control up to 7 SRG/BRC cameras over a traditional VISCA (Video System Control Architecture) network.

RM-IP500



Control up to 100 BRC or SRG cameras via IP

- SRG-300 and SRG-120 series are newly supported.

Simple set-up

- Automatic IP address assignment of connected cameras.
- Auto assignment of camera.

High-quality control of PTZF functions

- Pan and tilt adjustment with joystick.
- Zoom control either via joystick or a separate seesaw lever.
- Adjustable speed control of PTZF via dedicated dials.

Store and recall camera presets

- Up to 100 presets (camera angles and settings) can be stored.
- Presets can be recalled instantly via the numeric keypad.





BRAVIA

4K Professional Displays

Bring the spectacular depth and quality of BRAVIA to your business with the latest range of ultra-slim and energy efficient Professional Displays from HD to 4K HDR OLED all the way up to 8K HDR picture quality. Available from 32" to 100" our line-up offers all the technological performance and style you'd expect from BRAVIA.

Our range of Sony Professional Displays features HD, 4K and 8K resolution models with screen sizes to suit every application. Ideal for digital signage, screen mirroring and a range of professional solutions, our displays feature a range of innovative LCD, HDR and OLED display technologies for superior image quality with easy operation, extensive integration options and low ownership costs.

Highlights

- Brilliant 4K image quality with powerful 4K X1 processor / new XR Cognitive Processor.*
- Embedded HTML5 platform for easy digital signage.*
- Copy custom settings to multiple screens via USB memory.
- Slim, stylish and installation friendly with versatile control options.
- Touchscreen options.*
- 24/7 operation* and reliable high-brightness panel.*
- Compatible* with TEOS Workplace Solutions.

*Model dependent

●
PrimeSupport
Pro

See page 5 for
further details

●
PrimeSupport
Elite

See page 5 for
further details



Do more with BRAVIA built-in solutions

Bring the incredible depth and quality of 4K resolution to your business or university

Built-in Meeting-Room solution

Standard and enhanced interface in meeting rooms with smart features, and efficient automated systems for input management. There's no need for extra controllers in the room and settings stay exactly as they have been programmed.

Built-in mirroring (Connect for TEOS)*

Great for collaborative working, Connect for TEOS allows smooth, speedy wireless screen mirroring from laptops, directly to BRAVIA 4K Professional Displays. It's available as an easy-to-install app, with no extra hardware needed.

Built in TEOS Workplace Management Solutions*

Sony BRAVIA 4K Professional Displays are fully compatible with Manage for TEOS. Intelligent workspaces can now have complete control of all of their connected devices and content in boardrooms, meeting rooms, offices, public areas and other locations. Plus, there's no player required.

Built-in Android Applications Store

Endless possibilities to display what you need, without external devices, through dedicated applications.

Built-in Digital Signage Platform* (TDM Digital Signage)

Create and generate your signage content simply and without limitation. This easy-to-use authoring tool lets you combine text, graphics, video, social media feeds and other live web content to produce dynamic marketing messages.

The total touchscreen solution

Turn your BRAVIA into an interactive touchscreen with our IR and capacitive technology overlays. Designed to fit seamlessly onto the BRAVIA screen, it's easy to set up and allows 10 multi-touch points or more for greater interaction.

Looks great in every light

The screen overlay's tough anti-glare surface ensures optimum visibility, even in the sunniest environments.

Quick and easy to install and set up

Simple, fuss-free installation and set up allows deployment of your interactive touchscreen solution in minutes.

*Chargeable option, compatible with BZ series only.



BRAVIA BZ-Series



Available in a wide range of screen sizes to suit any size classroom or meeting room, BRAVIA 4K Professional Displays bring your visuals to life with bright, detail-packed 4K HDR pictures and easy content sharing. Ensure everyone's informed with attractive, colourful signage and keep costs in check with energy-saving features.

See every detail in 4K

The 4K resolution LCD panel (3840 x 2160 pixels) ensures incredible colour, contrast and realism, with four times the detail of Full HD. All models are HDR compatible, displaying a wider range of brightness levels for a level of detail and realism beyond anything you've seen before.

Superior displays designed for business

Portrait, advanced control, professional mode, optional interactive compatibility, 24/7 operation* or an embedded HTML5 platform for easy digital signage creation; our BRAVIA 4K Professional Displays are designed to suit all professional needs.

Personalise BRAVIA your way**

BRAVIA suits any business application with a range of personalisation options and built-in solutions, including TEOS solutions, Touchscreen solution, Meeting Room solution, Media Player, TDM Digital Signage, Smart Automation, Screen Mirroring and Android Applications Store.

*To be confirmed on FW-75BZ30J

**Some solutions may be chargeable, TEOS and TDM are not compatible with FWD models, only with BZ series

Warranty		See page 5 for further details
Reference	Included Service PS.B2B.3	PSP.FW32BZ30J.2X / PSP.FW100BZ1.2X / PSP.FW43BZ30J.2X / PSP.FW50BZ30J.2X PSP.FW55BZ30J.2X / PSP.FW65BZ30J.2X / PSP.FW75BZ30J.2X / PSP.FW43BZ35J.2X PSP.FW50BZ35J.2X / PSP.FDWBZH55.2X / PSP.FDWBZH65.2X / PSP.FDWBZH75.2X PSP.FDWBZH85.2X
Duration	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible	2 years extension, total 5 years

For full product specifications and features please visit
pro.sony/professional-displays



Specifications		FW-43BZ35J	FW-50BZ35J	FW-55BZ40H	FW-65BZ40H	FW-75BZ40H	FW-85BZ40H	FW-100BZ40J	
General features	Screen Size	108.0 cm	126.0 cm	139.0 cm	164.0 cm	189.0 cm	215.0 cm	253.0 cm	
	Brightness (cd/m ²)	560	570	Typ. 620 / Peak 850				600 (Peak 940)	
	Native contrast ratio	4000:1	5000:1	6,000:1				9000:1	
	Dynamic contrast ratio	400000:1	500000:1	550000:1				600000:1	
	Response Time (ms)	6			8		6		7
	Display resolution (H x V, pixels)	3840x2160							
	HDR (High Dynamic Range) compatibility	Yes (HDR10,HLG,Dolby Vision)							
	Aspect Ratio	16:9							
Display features	Portrait Compatibility	Yes							
	Dimming type	Frame Dimming			Local Dimming				
	Display device	LCD							
	Backlight type	Direct LED							
	4K Processor	X1 4K HDR Processor							Cognitive Processor XR
Video Specs	Operation time	24/7							
	Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9							
	4:3 Default	Yes							
	Video Processing	4K X-Reality PRO							XR 4K Upscaling
	TRILUMINOS Display	Triluminos Pro			Triluminos display				XR Triluminos Pro
	Viewing Angle (Right/Left/Up/Down)	178(89/89) degree							
Audio Specs	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz), 1080p(30,50,60,100,120Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p							
	Speaker Position	Down Firing				Side Back + Down Firing			Down Firing
	Audio Power Output	10W + 10W							
Professional features	Professional Hidden mode	Yes	Yes			Yes		Yes	
	HDMI auto wake-up	Yes	Yes			Yes		Yes	
	Compatible with TDM Digital Signage	Yes	Yes			Yes		Yes	
	HTML5 platform	Yes	Yes			Yes		Yes	
	Multicast/IPTV	Yes	Yes			Yes		Yes	
	Operating System	Android 10			Android 9.0				Android 10
	On-board Storage (GB)	16GB							
Network Specs	Wi-Fi Direct	Yes							
	Wi-Fi Certified	Yes							
	Wireless LAN	Integrated							
	Security 802.1X	Yes							
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG							
	On Screen Clock	Yes							
	Sleep Timer	Yes							
	On/Off Timer	Yes							
	Chromecast built-in	Yes							
	Apple AirPlay (Internet required)	Yes							
Control Specs	IP Control	Yes							
	RS-232C Control	Yes				1(Side)		Yes	
	HDMI-CEC	Yes							
Inputs and outputs	HDCP	HDCP2.3(for HDMI1/2/3/4)							
	Composite Video Input(s)	1(Side, Mini jack)			1(Side)				1(Side, Mini jack)
	HDMI inputs total	4(4Side)							
	Analog Audio Input(s) (Total)	1(Side Analog Conversion)							
	Digital Audio Output(s)	1(Side)							
	USB ports	2(Side)							
	Ethernet inputs	1(Side)							
Design features	Frame color	Black							
	Stand Design	Slim Blade stand			Metal Blade Stand				Slim Blade stand
	VESA® Hole Spacing Compatible	Yes							
	VESA® Hole Pitch (W x H)	20.0 x 20.0 cm			30.0 x 30.0 cm		40.0 x 40.0 cm		60.0 x 40.0 cm
Environment specs	Energy label rating	G							
	Screen Size	108.0 cm	126.0 cm	139.0 cm	164.0 cm	189.0 cm	215.0 cm	253.0 cm	
	On-mode power consumption	114.0W (Rated)	148.0W (Rated)	97.0W	121.0W	152.0W	189.0W	426.0 W (Rated)	
	Power Consumption (in Standby)	0.50W							
	Dynamic Backlight Control	Yes							
Power Saving Mode / Back Light Off Mode	Yes								
Measurements	Dimension of TV without Stand (W x H x D)	Approx. 96.4x56.3x6.9 cm	Approx. 111.9x64.9x7.0 cm	Approx. 123.1x71.0x7.0 cm	Approx. 145.0x83.3x7.0 cm	Approx. 167.4x96.1x7.1 cm	Approx. 189.9x108.9x7.2 cm	Approx. 226.0x129.7x9.8 cm	
	Dimension of TV with Stand (W x H x D)	Approx. 96.4x62.8 x28.6 cm	Approx. 111.9x71.5x28.6 cm	Approx. 123.1x78.0x33.8 cm	Approx. 145.0x90.3x33.8 cm	Approx. 167.4x103.4x41.0 cm	Approx. 189.9x116.2x44.1 cm	Approx. 226.0x134.6x47.5 cm	
	Dimension of Package Carton (W x H x D)	Approx. 107.0x69.5x14.1 cm	Approx. 122.5x78.2x14.1 cm	Approx. 135.0x83.6x16.2 cm	Approx. 157.6x96.1x18.6 cm	Approx. 181.2x111.0x18.8 cm	Approx. 203.8x123.5x26.0 cm	Approx. 244.0x156.0x37.8 cm	
Weight	Weight of TV without Stand	Approx. 10.2 kg	Approx. 12.7 kg	Approx. 16.5 kg	Approx. 22.2 kg	Approx. 32.9 kg	Approx. 45.8 kg	Approx. 88.9 kg	
	Weight of TV with Stand	Approx. 10.7 kg	Approx. 13.3 kg	Approx. 17.5 kg	Approx. 23.2 kg	Approx. 34.4 kg	Approx. 47.7 kg	Approx. 92.6 kg	
	Weight of Package Carton (Gross)	Approx. 14 kg	Approx. 19 kg	Approx. 24kg	Approx. 31kg	Approx. 46kg	Approx. 62kg	Approx. 129 kg	
Optional Accessories	10 point IR Touch Overlay	TO-43BZ35J-IR10	TO-50BZ35J-IR10	TO-55BZ40H-IR10	TO-65BZ40H-IR10	TO-75BZ40H-IR10	TO-85BZ40H-IR10	TO-100BZ40J-IR10	
	10 point Capacitive Touch Overlay	TO-43BZ35J-CA10	TO-50BZ35J-CA10	TO-55BZ40H-CA10	TO-65BZ40H-CA10	TO-75BZ40H-CA10	TO-85BZ40H-CA10	TO-100BZ40J-CA10	
Service and Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible							
	2 years PrimeSupport extension reference	PSP.FW43BZ35J.2X	PSP.FW50BZ35J.2X	PSP.FDWBZH55.2X	PSP.FDWBZH65.2X	PSP.FDWBZH75.2X	PSP.FDWBZH85.2X	PSP.FW100BZ1.2X	



Specifications		FW-32BZ30J	FW-43BZ30J	FW-50BZ30J	FW-55BZ30J	FW-65BZ30J	FW-75BZ30J
General features	Screen Size	80 cm	108 cm	126 cm	139 cm	164 cm	189 cm
	Brightness (cd/m ²)	300	440				
	Native contrast ratio	3000:1	1200:1	5000:1	1200:1		
	Dynamic contrast ratio	260000:1	400000:1	300000:1			
	Response Time (ms)	10		9	10	11	
	Display resolution (H x V, pixels)	3840x2160					
	HDR (High Dynamic Range) compatibility	Yes (HDR10,HLG,Dolby Vision)					
	Aspect Ratio	16:9					
Display features	Portrait Compatibility	Yes					
	Dimming type	Frame Dimming					
	Display device	LCD					
	Backlight type	Edge LED	Direct LED				
	4K Processor	X1 4K HDR Processor					
Video Specs	Operation time	24/7					24/7 (TBC)
	Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9					
	4:3 Default	Yes					
	Video Processing	4K X-Reality PRO					
	TRILUMINOS Display	Yes					
	Viewing Angle (Right/Left/Up/Down)	178(89/89) degree					
Audio Specs	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p					
	Speaker Position	Down Firing					
Professional features	Audio Power Output	5W + 5W	10W + 10W				
	Professional Hidden mode	Yes					
	HDMI auto wake-up	Yes					
	Compatible with TDM Digital Signage	Yes					
	HTML5 platform	Yes					
	Multicast/IPTV	Yes					
	Operating System	Android 10					
Network Specs	On-board Storage (GB)	16GB					
	Wi-Fi Direct	Yes					
	Wi-Fi Certified	Yes					
	Wireless LAN	Integrated					
Convenience features	Security 802.1X	Yes					
	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,Motri/jpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,Motionjpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG					
	On Screen Clock	Yes					
	Sleep Timer	Yes					
	On/Off Timer	Yes					
	Chromecast built-in	Yes					
Control Specs	Apple AirPlay (Internet required)	Yes					
	IP Control	Yes					
	RS-232C Control	Yes					
Inputs and outputs	HDMI-CEC	Yes					
	HDCP	HDCP2.3(for HDMI1/2/3/4)					
	Composite Video Input(s)	1(Side, Mini jack)					
	HDMI inputs total	4(4Side)					
	Analog Audio Input(s) (Total)	1(Side Analog Conversion)					
	Digital Audio Output(s)	1(Side)					
	USB ports	2(Side)					
Design features	Ethernet inputs	1(Side)					
	Frame color	Black					
	Stand Design	Stand	Slim Blade stand				
	VESA® Hole Spacing Compatible	Yes					
Environment specs	VESA® Hole Pitch(W x H)	10.0 x 20.0 cm	20.0 x 20.0 cm			30.0 x 30.0 cm	
	Energy label rating	G					
	Screen Size for WEB(diagonal, cm, integer or 1st decimal)	80 cm	108 cm	126 cm	139 cm	164 cm	189 cm
	Rated Power Consumption	66.0W	107.0W	146.0W	196.0W	230.0W	297.0W
	Power Consumption (in Standby)	0.50W					
Measurements	Dynamic Backlight Control	Yes					
	Power Saving Mode / Back Light Off Mode	Yes					
	Dimension of TV without Stand (W x H x D)	Approx. 72.6x43.0 x7.6 (2.60) cm	Approx. 97.2x56.7x7.0 cm	Approx. 112.6x65.3x7.0 cm	Approx. 124.3x71.9x7.1 cm	Approx. 146.2x84.2x7.1 cm	Approx. 168.6x96.9x7.2 cm
Weight	Dimension of TV with Stand (W x H x D)	Approx. 72.6x45.4x17.2 cm	Approx. 97.2x63.2x28.6 cm	Approx. 112.6x71.8x28.6 cm	Approx. 124.3x78.7x33.8 cm	Approx. 146.2x91.2x33.8 cm	Approx. 168.6x104.5x41.0 cm
	Dimension of Package Carton (W x H x D)	Approx. 81.4x55.1x15.2 cm	Approx. 107.0x69.5x14.1 cm	Approx. 122.6x78.2x14.1 cm	Approx. 134.8x83.3x16.0 cm	Approx. 157.4x95.8x18.4 cm	Approx. 181.0x110.7x18.7 cm
	Weight of TV without Stand	Approx. 7.5 kg	Approx. 10 kg	Approx. 12.3 kg	Approx. 15.7 kg	Approx. 21.6 kg	Approx. 31.6 kg
Optional Accessories	Weight of TV with Stand	Approx. 7.7 kg	Approx. 10.5 kg	Approx. 12.9 kg	Approx. 16.6 kg	Approx. 22.5 kg	Approx. 32.9 kg
	Weight of Package Carton(Gross)	Approx. 10 kg	Approx. 14 kg	Approx. 17 kg	Approx. 23 kg	Approx. 30 kg	Approx. 45 kg
Service and Warranty	10 point IR Touch Overlay	TO-32BZ30J-IR10	TO-43BZ30J-IR10	TO-50BZ30J-IR10	TO-55BZ30J-IR10	TO-65BZ30J-IR10	TO-75BZ30J-IR10
	10 point Capacitive Touch Overlay	TO-32BZ30J-CA10	TO-43BZ30J-CA10	TO-50BZ30J-CA10	TO-55BZ30J-CA10	TO-65BZ30J-CA10	TO-75BZ30J-CA10
Standard Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible					
	2 years PrimeSupport extension reference	PSP.FW32BZ30J.2X	PSP.FW43BZ30J.2X	PSP.FW50BZ30J.2X	PSP.FW55BZ30J.2X	PSP.FW65BZ30J.2X	PSP.FW75BZ30J.2X



BRAVIA 4K Professional Displays



BRAVIA TV Tuner Models



Our latest range of BRAVIA features a built in TV Tuner ideal for public places such as reception areas, waiting rooms and communal spaces. Comprised of 21 displays ranging from 2K to 8K, this range promises to take content display to the next level and deliver high impact imagery.

Powered with the powerful X1 Processor, and the new XR cognitive processor (on A80, A90J, X95J and Z9J models), the new BRAVIA series display an outstanding image.

TV Tuner models (except X80H/X81H/WF6 and A9 series) are not compatible with TEOS, TDM and do not have Pro mode.

W800/WF6



Do more with Android TV (W800 only)

Our first 32" with Android. Discover a world of apps and online content powered by Android TV. Use Voice Search to find content easily with no typing.



Installation friendly

The slim, stylish display offers a wide range of mounting options, is VESA compliant and integrates colour neatly into any corporate, retail or educational environment.



The total touchscreen solution*

Turn your BRAVIA into an interactive touchscreen with our IR and capacitive technology overlays. Designed to fit seamlessly onto the BRAVIA screen, it's easy to set up and allows 10 multi-touch points or more for greater interaction. Contact your local Sony dealer for more information.



Compatible with High Dynamic Range (HDR) (W800 only)

View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity.



Ultimate Picture Quality More colour with TRILUMINOS Display (WF6 only)

TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of richer, more lifelike hues and tones.



PrimeSupport
Pro

See page 5 for
further details



PrimeSupport
Elite

See page 5 for
further details

Warranty

See page 5 for further details

Reference

W800/WF6/X81H/X80J/A80J/A90J/A9/X95J/Z19

Duration

3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible

For full product specifications and features please visit
pro.sony/professional-displays

* Optional

X80J

**Improve content quality with Reality Creation**

This high picture quality engine takes Full HD content much, much closer to 4K Ultra HD quality. Whether it's a presentation to clients or engaging digital signage, you'll get the best picture possible.

**Pictures and sound in perfect harmony**

With the Bass Reflect Speaker X-Balanced Speaker, action and sound are precisely aligned for even more immersive viewing.

**Automatic on/off feature**

Easily programme your BRAVIA with the On-Timer feature to automatically turn the flat panel on /off.

**Do more with Android TV**

Discover a world of apps and online content powered by Android TV. Use Voice Search to find content easily with no typing.

X80H/X81H

**Professional Mode**

There is now more control to disable input or remote control, remove labels and block buttons; customise and store display settings and features add security then copy them easily from display to display via USB flash memory.

**Easily create digital signage**

Produce compelling digital signage with no prior training needed. Combine graphics, text, video and live web content to create attractive signage in minutes.

A90J/A80J

**Sound from the screen**

With Acoustic Surface Audio+™, sound comes directly from the screen. Three actuators behind the TV vibrate to create acoustics that move with the picture. Two side-facing subwoofers deliver rich, spatial bass.

**Spectacularly lifelike 4K images**

Our new powerful Cognitive Processor XR reproduces exceptionally realistic images, with great contrast, clarity and colors.

X95J

**Spectacularly lifelike 4K images**

Our new powerful Cognitive Processor XR reproduces exceptionally realistic images, with great contrast, clarity and colors.

**Deeper black and brighter bright**

Thanks to the full-array LED backlight, intensity of the LEDs can be adjusted depending on the scene, see light where light is needed, dark where darkness is needed for a much more dynamic, cinematic picture.

**Vibrant shades of color from any viewing angle**

See vivid real world colors, even from the sides. Our X-Wide Angle technology allows the faithful shades and hues of TRILUMINOS Pro Display to be enjoyed from any angle.

Z9J

**Spectacularly lifelike 8K HDR images**

8K offers 16 times the detail of Full HD, with an extraordinary resolution of over 33 million pixels bringing extra clarity to corporate display, education and digital signage applications.

**XR Sound Position**

With a vibrating frame tweeter on this BRAVIA XR 8K TV, sound matches precisely with what's on the screen for a truly immersive experience.



Specifications		FWD-75Z9J	FWD-85Z9J
Display features	Screen Size (inch, measured diagonally)	75"(74.5")	85"(84.6")
	Display resolution (H x V, pixels)	7680 x 4320	
	Dimming type	Local Dimming	
	Display device	LCD	LCD
	Backlight type	Direct (Full Array LED)	
	Aspect Ratio	16:9	
Professional features	Processor	Cognitive Processor XR	Cognitive Processor XR
	Operating System	Android 10	
	On-board Storage (GB)	16GB	
Display System	TV System (Digital Terrestrial)	DVB-T/T2	
	TV System (Digital Cable)	DVB-C	
	TV System (Digital Sat)	DVB-S/S2	
	Number of Tuners (Terrestrial/Cable)	2(Digital) / 1(Analog)	
	Number of Tuners (Sat)	2	
Network Features	Wi-Fi Direct	Yes	
	Wi-Fi Certified	Yes	
	Apple AirPlay	Yes	
	Chromecast built-in	Yes	
	Internet Browser	Vewwd	
	Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4.MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG	
	Wireless LAN	Integrated	
Convenience features	HDMI-CEC	Yes	
	i-Manual	Yes	
	On Screen Clock	Yes	
	Sleep Timer	Yes	
	On/Off Timer	Yes	
Control specs	IP Control	Yes (requires authentication)	
	Pro mode	-	
Inputs & Outputs	HDMI Signal	7680x4320p(24,25,30,50,60Hz)*1, 4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz)*2, 1080p(30,50,60,100,120Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p	
	HDCP	HDCP2.3 (for HDMI1/2/3/4)	
	RF (Terrestrial/Cable) Connection Input(s)	1(Bottom)	
	IF (Satellite) Input(s)	2(Bottom)	
	Composite Video Input(s)	Hybrid w/S-Center Speaker Input x1(Side, Mini jack)	
	HDMI inputs total	4(1Side, 3Bottom)	
	USB ports	2(Side) / 1(Bottom)	
	Ethernet inputs	1(Bottom)	
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)	
	PCMCIA Slot(s)	1(Side)	
Audio specifications	Speaker Position	Front + Side + TOP	
	Audio Power Output	12.5W + 12.5W + 20W + 20W + 5W + 5W + 5W + 5W	
Video Specifications	Wide Mode	Wide zoom/Normal/Full/Zoom/14:9	
	4:3 Default	Yes	
	Video Processing	XR 8K Upscaling	
	4K Processor	Cognitive Processor XR	
	HDR (High Dynamic Range) compatibility	Yes (HDR10,HLG,Dolby Vision)	
Design Features	Cable Management	Yes	
	Frame color	Titanium Silver	
	Stand Design	Aluminum Edge Stand	
	VESA® Hole Spacing Compatible	Yes	
	VESA® Hole Pitch(W x H)	40.0 x 40.0 cm	
Eco & energy saving	Power Consumption (in Standby)	0.50W	
	Mercury content(mg)	0.0	
	Power Saving Mode / Back Light Off Mode	Yes	
Dimensions	Display only (W x H x D)	Approx. 168.1 x 98.2 x 8.1 cm	Approx. 190.7 x 111.2 x 8.1 cm
	Display with Stand (W x H x D)	Approx. 171.1 x 99.3 x 42.8 cm	Approx. 193.7 x 112.3 x 48.4 cm
Weights (Approx.)	Display only	Approx. 46.4 kg	Approx. 61.7 kg
	Display with Stand	Approx. 48 kg	Approx. 63.4 kg
	Package Carton(Gross)	Approx. 63 kg	Approx. 63.4 kg
Optional accessories	Wallmount Bracket	SU-WL450(Usage limitation)	
Service and Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible	
	2 years PrimeSupport extension reference	PSP.FWD75Z9J.2X	PSP.FWD85Z9J.2X



Specifications		FWD-55A80J	FWD-65A80J	FWD-77A80J	FWD-48A9/T1	FWD-55A90J	FWD-65A90J	FWD-83A90J
Display features	Screen size (measured diagonally)	55"(54.6")	65"(64.5")	77"(76.7")	48"(47.5")	55"(54.6")	65"(64.5")	83"(82.5")
	Display resolution (H x V, pixels)	3840 x 2160						
	Display device	OLED						
	Aspect Ratio	16:9						
Professional features	Operating System	Android 10						
	On-board Storage (GB)	16GB						
Display System	TV System (Digital Terrestrial)	DVB-T/T2						
	TV System (Digital Cable)	DVB-C						
	TV System (Digital Sat)	DVB-S/S2						
	Number of Tuners (Terrestrial/Cable)	2(Digital) / 1(Analog)						
Network Features	Number of Tuners (Sat)	2						
	Wi-Fi Direct	Yes						
	Wi-Fi Certified	Yes						
	Apple AirPlay	Yes						
	Chromecast built-in	Yes						
	Internet Browser	Vewd						
	Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC(MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG						
	Wireless LAN	Integrated						
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC(MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG						
	i-Manual	Yes						
	On Screen Clock	Yes						
	Sleep Timer	Yes						
	On/Off Timer	Yes						
	Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,HUN,IND,ISL,ITA,HEB,JPN,KAZ,KAN,KOR,KIR,LAO,LIT,LAV,MAC,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR,RUM,RUS,SLV,ALB,SRP,SWE, SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE,zh_CN,zh_HK,zh_TW,ZUL						
Control specs	IP Control	Yes (requires authentication)						
	Pro mode	-	-	-	Yes	-	-	-
Inputs & Outputs	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz), 1080p(30,50,60,100,120Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p						
	HDCP	HDCP2.3(for HDMI1/2/3/4)						
	RF (Terrestrial/Cable) Connection Input(s)	1(Bottom)						
	IF (Satellite) Input(s)	2(Bottom)						
	Composite Video Input(s)	Hybrid w/S-Center Speaker Input x1(Side, Mini jack)						
	HDMI inputs total	4(1Side, 3Bottom)						
	USB ports	2(Side) / 1(Bottom)						
	Ethernet inputs	1(Bottom)						
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)						
Audio specifications	PCMCIA Slot(s)	1(Side)						
	Speaker Position	Front						
Audio specifications	Audio Power Output	10W + 10W + 10W		20W + 20W + 10W		10W + 10W + 5W		20W + 20W + 10W + 10W
	Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9						
Video Specification	4:3 Default	Yes						
	Video Processing	XR 4K Upscaling			4K X-Reality PRO		XR 4K Upscaling	
	4K Processor	Cognitive Processor XR			Picture Processor X1 Ultimate		Cognitive Processor XR	
	HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, Dolby Vision)						
Design Features	Cable Management	Yes						
	Frame color	Titanium Black			Black		Titanium Black	
	Stand Design	Aluminum Layer stand			Aluminum Central Stand		Aluminum Edge Stand	
	VESA® Hole Spacing Compatible	Yes						
	VESA® Hole Pitch (W x H)	30.0 x 30.0 cm			30.0 x 30.0 cm		30.0 x 30.0 cm	
Eco & energy saving	Power Consumption (in Standby)	0.50W						
	Mercury content (mg)	0.0						
	Power Saving Mode / Back Light Off Mode	Yes						
Dimensions	Display only (W x H x D)	Approx. 122.7 x 71.2 x 5.3 (0.59) cm	Approx. 144.8 x 83.6 x 5.3 (0.63) cm	Approx. 172.2 x 99.9 x 5.4 (0.69) cm	Approx. 106.9 x 62.4 x 5.8 (0.42) cm	Approx. 122.3 x 70.9 x 4.1(0.56) cm	Approx. 144.4 x 83.3 x 4.1(0.56) cm	Approx. 185.0 x 106.7 x 5.3 (0.73) cm
	Display with Stand (W x H x D)	Approx. 122.7 x 73.5 x 33.0 cm	Approx. 144.8 x 85.9 x 33.0 cm	Approx. 172.2 x 102.2 x 36.7 cm	Approx. 106.9 x 62.9 x 25.5 cm	Approx. 128.2 x 70.9 x 31.7 cm	Approx. 150.2 x 83.4 x 31.7 cm	Approx. 188.0 x 107.2 x 42.8 cm
	Display only	Approx. 17.8 kg	Approx. 22.3 kg	Approx. 28.9 kg	Approx. 13.9 kg	Approx. 18.6 kg	Approx. 22.5 kg	Approx. 42 kg
Weights (Approx.)	Display with Stand	Approx. 19 kg	Approx. 23.5 kg	Approx. 30.1 kg	Approx. 17.6 kg	Approx. 20.3 kg	Approx. 24.6 kg	Approx. 43.5 kg
	Package Carton (Gross)	Approx. 25 kg	Approx. 31 kg	Approx. 40 kg	Approx. 22 kg	Approx. 29 kg	Approx. 34 kg	Approx. 59 kg
Optional accessories	Wallmount Bracket	SU-WL450 (Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)						
Service and Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible						
	2 years PrimeSupport extension reference	PSP.FWD55A80J.2X	PSP.FWD65A80J.2X	PSP.FWD77A80J.2X	PSP.FDWA948.2X	PSP.FWD55A90J.2X	PSP.FWD65A90J.2X	PSP.FWD83A90J.2X



Specifications		FWD-65X95J	FWD-75X95J	FWD-85X95J
Display features	Screen Size (inch, measured diagonally)	65"(64.5")	75"(74.5")	85"(84.6")
	Brightness (cd/m ²)	660	770	660
	Native contrast ratio	4000:1	3700:1	4000:1
	Dynamic contrast ratio	600000:1	700000:1	600000:1
	Display resolution (H x V, pixels)	3840 x 2160		
	Dimming type	Local Dimming		
	Display device	LCD		
	Backlight type	Direct (Full Array LED)		
Aspect Ratio	16:9			
Professional features	Operating System	Android 10		
	On-board Storage (GB)	16GB		
Display System	TV System (Digital Terrestrial)	DVB-T/T2		
	TV System (Digital Cable)	DVB-C		
	TV System (Digital Sat)	DVB-S/S2		
	Number of Tuners (Terrestrial/Cable)	2(Digital)/1(Analog)		
	Number of Tuners (Sat)	2		
Network Features	Wi-Fi Direct	Yes		
	Wi-Fi Certified	Yes		
	Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/ JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)		
	Wireless LAN	Integrated		
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/ JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)		
	HDMI-CEC	Yes		
	i-Manual	Yes		
	On Screen Clock	Yes		
	Sleep Timer	Yes		
	On/Off Timer	Yes		
Control specs	IP Control	Yes (requires authentication)		
	Pro mode	-		
Inputs & Outputs	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz) *3 , 1080p(30,50,60,100,120Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p		
	HDCP	HDCP2.3(for HDMI1/2/3/4)		
	RF (Terrestrial/Cable) Connection Input(s)	1(Bottom)		
	IF (Satellite) Input(s)	2(Bottom)		
	Composite Video Input(s)	Hybrid w/S-Center Speaker Input x1(Side, Mini jack)		
	HDMI inputs total	4(1Side,3Bottom)		
	USB ports	2(Side)/1(Bottom)		
	Ethernet inputs	1(Bottom)		
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)		
PCMCIA Slot(s)	1(Side)			
Audio specifications	Speaker Position	Front + Side Back		
	Audio Power Output	10W + 10W + 10W + 10W + 10W		
Video Specifications	Wide Mode	Wide zoom/Normal/Full/Zoom/14:9,Normal/Full1/Full2 for PC		
	4:3 Default	Yes		
	Video Processing	XR 4K Upscaling		
	4K Processor	Cognitive Processor XR		
HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)			
Design Features	Cable Management	Yes		
	Frame color	Titanium Silver		
	Stand Design	Metal Edge Stand		
	VESA® Hole Spacing Compatible	Yes		
	VESA® Hole Pitch(W x H)	30.0 x 30.0 cm	40.0 x 40.0 cm	
Eco & energy saving	Power Consumption (in Standby)	0.50W		
	Mercury content(mg)	0.0		
	Power Saving Mode / Back Light Off Mode	Yes		
Dimensions	Display only (W x H x D)	Approx. 144.3 x 83.5 x 6.6 (3.86) cm	Approx. 166.7 x 96.1 x 6.1 (3.32) cm	Approx. 188.8 x 108.6 x 6.1 (3.36) cm
	Display with Stand (W x H x D)	Approx. 144.3 x 84.8 x 33.8 cm	Approx. 166.7 x 97.4 x 39.0 cm	Approx. 188.8 x 109.8 x 45.0 cm
	Weights (Approx.)	Approx. 27.5 kg	Approx. 36.8 kg	Approx. 48.7 kg
Weights (Approx.)	Display with Stand	Approx. 28.5 kg	Approx. 39.1 kg	Approx. 51.2 kg
	Package Carton (Gross)	Approx. 38 kg	Approx. 53 kg	Approx. 67 kg
	Optional accessories	Wallmount Bracket		
Service and Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible		
	2 years PrimeSupprt extension reference	PSP.FWD65X95J.2X	PSP.FWD75X95J.2X	PSP.FWD85X95J.2X



Specifications		FWD-43X80J	FWD-50X80J	FWD-55X80J	FWD-65X80J	FWD-75X81J	FWD-85X85J
Display features	Screen Size (inch, measured diagonally)	43"(42.5")	50"(49.5")	55"(54.6")	65"(64.5")	75"(74.5")	85"(84.6")
	Brightness (cd/m ²)	520		440			560
	Native contrast ratio	1200:1	5000:1		1200:1		6000:1
	Dynamic contrast ratio	400000:1		300000:1			400000:1
	Display resolution (H x V, pixels)	3840 x 2160					
	Dimming type	Frame Dimming					
	Display device	LCD					
	Backlight type	Direct LED					
Professional features	Operating System	Android 10					
	On-board Storage (GB)	16GB					
Display System	TV System (Digital Terrestrial)	DVB-T/T2					
	TV System (Digital Cable)	DVB-C					
	TV System (Digital Sat)	DVB-S/S2					
	Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)					
Network Features	Number of Tuners (Sat)	1					
	Wi-Fi Direct	Yes					
	Wi-Fi Certified	Yes					
	Apple AirPlay	Yes					
	Chromecast built-in	Yes					
	Internet Browser	Vewd					
	Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD);MPEG2,AVC/MP4(XAVC S);AVC,MPEG4,HEVC/AVI:Xvid,MotinIjpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionIjpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG					
Wireless LAN	Integrated						
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD);MPEG2,AVC/MP4(XAVC S);AVC,MPEG4,HEVC/AVI:Xvid,MotinIjpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionIjpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG					
	HDMI-CEC	-					
	i-Manual	Yes					
	On Screen Clock	Yes					
	Sleep Timer	Yes					
	On/Off Timer	Yes					
Control specs	Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUI,HIN,HRV,HUN,IND,ISL,ITA,HEB,JPN,KAZ,KAN,KOR,KIR,LAO,LIT,LAV,MAC,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR,RUM,RUS,SOL,SLV,ALB,SRP,SWE,SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE,zh_CN,zh_HK,zh_TW,ZUL					
	IP Control	Yes (requires authentication)					
Inputs & Outputs	Pro mode	-					
	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p					
	HDCP	HDCP2.3(for HDMI1/2/3/4)					
	RF (Terrestrial/Cable) Connection Input(s)	1(Side)					
	IF (Satellite) Input(s)	1(Side)					
	Composite Video Input(s)	1(Side, Mini jack)					
	HDMI inputs total	4(4Side)					
	USB ports	2(Side)					
	Ethernet inputs	1(Side)					
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)					
PCMCIA Slot(s)	1(Top)						
Audio specifications	Speaker Position	Down Firing					
	Audio Power Output	10W + 10W					
Video Specifications	Wide Mode	Wide zoom/Normal/Full/Zoom/14:9					
	4:3 Default	Yes					
	Video Processing	4K X-Reality PRO					
Design Features	4K Processor	4K HDR Processor X1					
	HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)					
	Cable Management	Yes					
	Frame color	Black					
Eco & energy saving	Stand Design	Slim Blade stand					
	VESA® Hole Spacing Compatible	Yes					
	VESA® Hole Pitch(W x H)	20.0 x 20.0 cm		30.0 x 30.0 cm		40.0 x 40.0 cm	
Dimensions	Power Consumption (Rated)	118.0W	157.0W	207.0W	241.0W	308.0W	396.0W
	Power Consumption (in Standby)	0.50W					
	Mercury content(mg)	0.0					
Weights (Approx.)	Power Saving Mode / Back Light Off Mode	Yes					
	Display only (W x H x D)	Approx. 97.2 x 56.7 x 7.0 cm	Approx. 112.6 x 65.3 x 7.0 cm	Approx. 124.3 x 71.9 x 7.1 cm	Approx. 146.2 x 84.2 x 7.1 cm	Approx. 168.6 x 96.9 x 7.2 cm	Approx. 189.9 x 108.9 x 7.1 cm
	Display with Stand (W x H x D)	Approx. 97.2 x 63.2 x 28.6 cm	Approx. 112.6 x 71.8 x 28.6 cm	Approx. 124.3 x 78.7 x 33.8 cm	Approx. 146.2 x 91.2 x 33.8 cm	Approx. 168.6 x 104.5 x 41.0 cm	Approx. 189.9 x 117.6 x 45.6 cm
Optional accessories	Display only	Approx. 10 kg	Approx. 12.3 kg	Approx. 15.7 kg	Approx. 21.6 kg	Approx. 31.6 kg	Approx. 44.5 kg
	Display with Stand	Approx. 10.5 kg	Approx. 12.9 kg	Approx. 16.6 kg	Approx. 22.5 kg	Approx. 32.9 kg	Approx. 46 kg
	Package Carton (Gross)	Approx. 14 kg	Approx. 17 kg	Approx. 23 kg	Approx. 31 kg	Approx. 49 kg	Approx. 60 kg
Service and Warranty	Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page)		SU-WL450(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)			
	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible					
	2 years PrimeSupprt extension reference	PSP.FWD43X80J.2X	PSP.FWD50X80J.2X	PSP.FWD55X80J.2X	PSP.FWD65X80J.2X	PSP.FWD75X81J.2X	PSP.FWD85X85J.2X



Specifications		FWD-32W800	FWD-43W66F/T
Display features	Screen Size (inch, measured diagonally)	32" (31.5")	43" (42.5")
	Brightness (cd/m ²)	380	350
	Native contrast ratio	1200:1	1300:1
	Dynamic contrast ratio	1200:1	300000:1
	Display resolution (H x V, pixels)	1366x768	1920x1080
	Dimming type	Frame Dimming	
	Display device	LCD	
	Backlight type	Direct LED	
Aspect Ratio	16:9		
Operating System	Operating System	Android 10	Linux
	On-board Storage (GB)	8GB	4GB
Display System	TV System (Digital Terrestrial)	DVB-T/T2	
	TV System (Digital Cable)	DVB-C	
	TV System (Digital Sat)	DVB-S/S2	
	Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)	
Network Features	Number of Tuners (Sat)	1	
	Wi-Fi Direct	-	Yes
	Wi-Fi Certified	Yes	
	Codec for Home Network	-	MPEG1/MPEG2TS/AVCHD/MP4/AVI/WMV/LPCM/MP3/WMA/JPEG
Convenience features	Wireless LAN	Integrated	
	USB playback codecs	VP9/H.265/MPEG1/MPEG2/MPEG4/DivX/XviD/Sorenson	MPEG1/MPEG2PS/MPEG2TS/AVCHD/MP4Part10/MP4Part2/AVI(XVID)/AVI(MotionJpeg)/WMV9/MKV/WEBM/WAV/MP3/WMA/JPEG
	HDMI-CEC	Yes	
	i-Manual	Yes	
	On Screen Clock	Yes	
	Sleep Timer	Yes	
	On/Off Timer	Yes	
	Display Language	ALB, MAY, BUL, CAT, DEL, HRV, CZE, DAN, DUT, ENG, EST, FIN, FRA, GLE, GLG, DRE, HEB, HUN, IND, ITA, KAZ, MAC, LAV, LIT, NOB, POL, POR, RON, VIE, RUS, SRP, SLK, SLV, SPA, SWE, THA, TUR, UKR, zh_CN, zh_TW, VIE	BUL, CAT, CZE, DAN, GER, GRE, ENG, SPA, EST, FIN, FRA, HEB, HRV, HUN, ITA, KAZ, LIT, LAV, DUT, NOR, POL, POR, RUM, RUS, SLO, SLV, SRP, SWE, TUR, UKR, BOS, MAC
Control specs	IP Control	-	Yes
	Pro mode	-	Yes (Basic)
Inputs & Outputs	HDMI Signal	1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(50,60Hz), 576p, 576i, 480p, 480i	1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 576i, 480p, 480i
	HDCP	HDCP1.4	
	RF (Terrestrial/Cable) Connection Input(s)	1(Bottom)	1(Side)
	IF (Satellite) Input(s)	-	1(Side)
	Composite Video Input(s)	-	1(Rear)
	HDMI inputs total	3(1Side,2bottom)	2(Side)
	USB ports	2(Side/bottom)	2(Side)
	Ethernet inputs	1(bottom)	1(Rear)
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1360x768(47.7kHz,60Hz)	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x720(44.8kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz)
PCMCIA Slot(s)	1(Side)	1 (Top)	
Audio specifications	Speaker Position	Down Firing	
	Audio Power Output	5W + 5W	
Video Specifications	Wide Mode	Automatic, Full, Wide screen, Suprt Zoom, Unscaled, 4:3, Movie expand 14:9, Movie expand 16:9	Wide Zoom/Normal/Full/Zoom/14:9 Normal/Full/Full2 for PC
	4:3 Default	-	Yes
	Video Processing	Yes	X-Reality PRO
	4K Processor	Bravia Engine	
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)	Yes(HDR10, HLG) *1	
Design Features	Cable Management	-	
	Frame color	Black	
	Stand Design	Slim stand	Matt Black
	VESA® Hole Spacing Compatible	Yes	
	VESA® Hole Pitch(W x H)	10.0 x 20.0 cm	20.0 x 20.0 cm
Eco & energy saving	Power Consumption	Rated: 60W	Rated: 81W / Standard: 51.0W
	Power Consumption (in Standby)	0.50W	
	Mercury content(mg)	0.0	
	Power Saving Mode / Back Light Off Mode	Yes	
Dimensions	Display only (W x H x D)	Approx. 73.3 x 44.2 x 7.8 cm	Approx. 97.4 x 57.2 x 6.8(0.90) cm
	Display with Stand (W x H x D)	Approx. 73.3 x 46.8 x 18.9 cm	Approx. 97.4 x 62.8 x 26.8 cm
Weights (Approx.)	Display only	Approx. 4.9 Kg	Approx. 7.8 kg
	Display with Stand	Approx. 5.0 Kg	Approx. 8.2 kg
	Package Carton(Gross)	Approx. 7 kg	Approx. 12 kg
Optional accessories	Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page)	SU-WL450(Terminal access limitation, refer to SU-WL450 product page)
Service and Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible' everywhere	
	2 Years PrimeSupport extension reference	PSP.FWD32W800.2X	PSP.FW6G-43.2X



Specifications		FWD-43X80H/T	FWD-49X81H/T1	FWD-55X81H/T1	FWD-65X81H/T1	FWD-75X80H/T1	FWD-85X80H/T1
Display features	Screen Size (inch, measured diagonally)	43"(42.5")	49"(48.5")	55"(54.6")	65"(64.5")	75"(74.5")	85"(84.6")
	Brightness (cd/m ²)	440	430	610	560	500	560
	Native contrast ratio	1100:1		1200:1		4000:1	
	Dynamic contrast ratio	400000:1	390000:1	550000:1	500000:1	450000:1	500000:1
	Display resolution (H x V, pixels)	3840x2160					
	Dimming type	Frame Dimming					
	Display device	LCD					
	Backlight type	Edge LED	Direct LED				
Professional features	Operating System	Android 9.0 Pie					
	On-board Storage (GB)	16GB					
Display System	TV System (Digital Terrestrial)	DVB-T/T2					
	TV System (Digital Cable)	DVB-C					
	TV System (Digital Sat)	DVB-S/S2					
	Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)					
Network Features	Number of Tuners (Sat)	1					
	Wi-Fi Direct	Yes					
	Wi-Fi Certified	Yes					
	Apple AirPlay	Yes					
	Chromecast built-in	Yes					
	Internet Browser	Yes					
	Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/ JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)					
	Wireless LAN	Integrated					
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/ MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/ JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)					
	HDMI-CEC	Yes					
	i-Manual	Yes					
	On Screen Clock	Yes					
	Sleep Timer	Yes					
	On/Off Timer	Yes					
Control specs	Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,HUN,IND,ISL,ITA,HEB,JPN,KAZ, KAN,KOR,KIR,LAO,LIT,LAV,MAC,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR,RUM,RUS,SOL,SLV,ALB,SRP,SWE,SWA,TAM,TEL,THA,TGL, TUR,UKR,URD,UZB,VIE,zh_CN,zh_HK,zh_TW,ZUL					
	IP Control	Yes					
Inputs & Outputs	Pro mode	Yes					
	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p					
	HDCP	HDCP2.3(for HDMI1/2/3/4)					
	RF (Terrestrial/Cable) Connection Input(s)	1(Side)					
	IF (Satellite) Input(s)	1(Side)					
	Composite Video Input(s)	1(Bottom)		1(Side)			
	HDMI inputs total	4(3Side,1Bottom)		4(4Side)			
	USB ports	2(Side)					
	Ethernet inputs	1(Bottom)		1(Side)			
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)					
PCMCIA Slot(s)	1(Top)						
Audio specifications	Speaker Position	Down Firing					
	Audio Power Output	10W + 10W					
Video Specifications	Wide Mode	Auto/Wide zoom/Normal/Full/Zoom/14:9,Normal/Full1/Full2 for PC					
	4:3 Default	Yes					
	Video Processing	4K X-Reality PRO					
	4K Processor	4K HDR Processor X1					
Design Features	HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)					
	Cable Management	Yes					
	Frame color	Black					
	Stand Design	Metal Blade Stand					
	VESA® Hole Spacing Compatible	Yes					
	VESA® Hole Pitch(W x H)	10.0 x 20.0 cm	20.0 x 20.0 cm	30.0 x 30.0 cm			40.0 x 40.0 cm
Eco & energy saving	Power Consumption (Rated)	XXX	120W	207W	250W	XXX	XXX
	Power Consumption (in Standby)	0.50W					
	Mercury content(mg)	0.0					
	Power Saving Mode / Back Light Off Mode	Yes					
Dimensions	Display only (W x H x D)	Approx. 97.0x57.0x5.7(1.30) cm	Approx. 110.1x64.5x5.7(1.30) cm	Approx. 124.3 x 71.8 x 7.1 (1.6) cm	Approx. 146.2x84.1x7.1 (1.6)cm	Approx. 168.6x96.9x7.2(1.5)cm	Approx. 189.9x108.9x7.1 (1.6) cm
	Display with Stand (W x H x D)	Approx. 97.0x63.0x28.6 cm	Approx. 110.1x70.4x26.2 cm	Approx. 124.3 x 78.4 x 33.7 cm	Approx. 146.2x91.0x33.7 cm	Approx. 168.6x104.2x41.4 cm	Approx. 189.9x117.4x44.2 cm
Weights (Approx.)	Display only	Approx. 9.4 kg	Approx. 11.6 kg	Approx. 16.0 kg	Approx. 21.7 kg	Approx. 31.8 kg	Approx. 44.1 kg
	Display with Stand	Approx. 9.8 kg	Approx. 12.1 kg	Approx. 16.6 kg	Approx. 22.3 kg	Approx. 32.9 kg	Approx. 45.6 kg
	Package Carton(Gross)	Approx. 14 kg	Approx. 17 kg	Approx. 22 kg	Approx. 30 kg	Approx. 43 kg	Approx. 59 kg
Optional accessories	Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page)		SU-WL450(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)		SU-WL450(Terminal access limitation, refer to SU-WL450 product page)	
Service and Warranty	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible					
	2 years PrimeSupport extension reference	PSP.FDWXH43.2X	PSP.FDWXH49.2X	PSP.FDWXH8055.2X	PSP.FDWXH8065.2X	PSP.FDWXH8075.2X	PSP.FDWXH85.2X

Impressive details

Accessories for BRAVIA 4K Professional Displays

Add extra impact to all your visual communications with accessories for BRAVIA 4K Professional Displays. Our touchscreen overlays, covers, totems and kiosks are designed for optimum performance in demanding presentation applications, from retail spaces, hotels, transport hubs and visitor attractions to universities and corporate environments.

Touchscreen overlays

Always in touch with your customers

Our easy-to-fit overlays transform BRAVIA 4K Professional Displays into an interactive touch-enabled screen – ideal for strengthening customer engagement, providing clear information to visitors and enabling more effective collaboration in corporate or education workspaces. There's a wide range of overlay options to suit all budgets and operational requirements.



IR Touch Overlays

- Hard-wearing and cost effective.
- Supports multi-touch with 10 touch points or more.*
- Stylish design with a black or white frame.**
- Rounded corners by default, square corners available upon request.

Ideal for

- Interactive signage in public areas.
- Boardrooms and meeting rooms.
- Teaching rooms and training suites.

* 16 or 40 touch point IR overlays can be made upon request.

** Additional colours and finishes available upon request.

Capacitive Touch Overlays

- Premium solution with sleek, attractive design.
- Highly sensitive, precise touch response.
- Resistant to sunlight – ideal for brightly lit environments.
- Compatible with BRAVIA BZ series, other models can be made upon request.

Ideal for

- Boardrooms and meeting rooms.
- Teaching rooms and training suites.

Interactive Stylus Pens

- Interactive pens compatible with all touch overlays.
- Ideal for whiteboarding, commenting on documents etc.
- Standard and advanced models available.
- Manufactured by Adonit.



Covers

Distinctive protection

BRAVIA 4K Professional Displays fit beautifully into any space with our stylish, easy to fit covers that provide lasting protection against daily wear and tear, dirt and finger marks. Customisable upon request in a range of bespoke colours, finishes and other cover options to match your brand and environment.

Front Covers

- Stylish frame.
- Protects against dirt and finger marks.
- Available in white or wood finish.*
- Compatible with: BRAVIA BZ series (other models can be made upon request); 10" and 22" TEOS Book tablet.

* Wood specifications differ slightly. Please visit the Pro.Sony website for exact sizing.



Totems, Kiosks & Trolleys

Giving you more in every environment

BRAVIA 4K Professional Displays are a focal point for your customers with our attractive range of totems and kiosks. There's also a choice of height-adjustable table stands and trolleys for moving safely between different locations whenever it's needed.

Kiosks

- Ideal for interactive helpdesks in retail and public spaces, reception areas, corporate and educational environments.
- Available to order with IR or capacitive touch overlays, or no touch as required.
- Capacitive Kiosks are also available in slim design.



Totems

- Ideal for signage displays in retail and public spaces, reception areas, corporate and educational environments.
- Available to order with IR or capacitive touch overlays, or no touch as required.
- Available in double sided versions.



Adjustable Height Trolleys & Table stands

- Ideal for educational and corporate environments where screens need to be adjusted or moved between rooms.
- Trolleys are available in 50cm or 70cm of vertical travel with a tilt adjustable stand.
- Table stands are available in 50cm vertical travel.



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