

# BRAVIA Professional 4K colour LED Displays

43" – 100"  
Professional 4K LED Displays

- FW-43XD8001
- FW-49XD8001
- FW-55XD8501
- FW-65XD8501
- FW-75XD8501
- FW-85XD8501
- FWD-100ZD9501

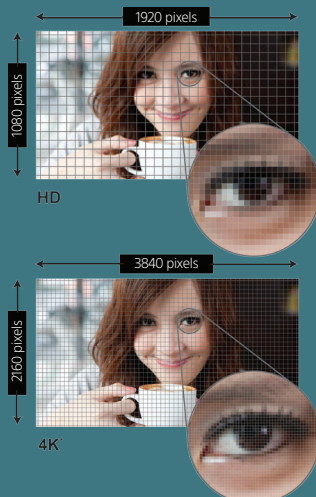
## KEY FEATURES

### Leading clearly

Our BRAVIA Displays offer the same exquisite 4K picture quality and styling you'd expect from the best consumer TVs – with serious features and rock-solid reliability you'd demand from the best professional product. So now there's no need to compromise.

### Fantastic 16:9 4K resolution (3840 x 2160 pixels)

Our line-up can produce over 8 megapixels. That's four times the resolution of Full HD, for a level of realism audiences will almost want to reach out and touch.



## 4K Next generation picture quality

Bring the incredible depth and quality of 4K resolution to your business with our BRAVIA Professional 4K LED Displays, now available in 43" – 100" screen sizes.

### Superior displays designed for business

Portrait, advanced control, professional mode, optional interactive compatibility, 17/7 operation or an embedded HTML5 platform for easy digital signage creation; our BRAVIA 4K Displays are designed to suit all your professional needs so you always present a clear image.

### Professional design

Our line-up offers all the technological performance and style you'd expect from BRAVIA, powered by the latest X1 processor. The 4K LCD panel produces four times the pixels of Full HD for outstanding picture quality, while the ultra-slim design enhances any corporate or retail environment.

### Do more with our BRAVIA built-in solutions

Look no further with BRAVIA. Our new range features a number of fantastic built-in solutions to customise your BRAVIA exactly the way you want. From Security Viewer/Recorder, TDM Digital Signage, Smart Automation System and the Applications Store, there's no need for any external devices or players.



## Ultimate Picture Quality

### 16:9 4K resolution (3840 x 2160 pixels)

With over 8 million pixels, a 4K resolution screen offers four times the detail of Full HD. Combined with the ability to manage 4K 60P up to 18Gbps, it now produces a level of detail and realism beyond anything you've seen before.

### New 4K X1 Processor

Twice as powerful as our previous generation BRAVIA, the new 4K X1 Processor enhances contrast, clarity and colour to the highest level. Clarity improves with intelligent upscaling and noise reduction, colours are individually enhanced, and the dynamic range of contrast is optimised frame by frame.



## 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.

### Compatible with High Dynamic Range (HDR)\*

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



## Complete Simplicity

### 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.

### Versatile control options

Easily control your BRAVIA remotely – including on/off, input signal select and adjust volume – via IP or via RS-232C.

### Automatic on/off feature

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

### Portrait capability

Use the BRAVIA Display in portrait for greater signage impact.

### Professional Mode

There's 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.

### 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 for greater interaction. Contact your local Sony dealer for more information.



## Full Personalisation



### 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.

### Built-in Media Player

Play a photos and videos playlist from a USB key, in Full HD and 4K.

### Built-in Android Applications Store

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

### Built-in Mirroring Google Cast solution

Cast any content, simply and fast, to your BRAVIA, from computers to mobiles.

### Built-in Smart Automation System

Efficient source automated system for smart input management.

### Built-in Meeting-Room solution\*

Meeting room enhanced interface, with many smart features such as Scheduling, Whiteboard and Time Keeper.\*\*

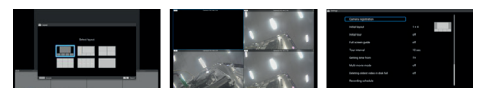
### Built-in IPTV player

Stream any IP feed directly to your BRAVIA without any set-top box or players.

Save costs and get interactive channels, video-on-demand, and much more.

### Built-in Security Camera Solution\*

Show and record Sony security cameras to watch up to 10 video streams at the same time, up to 4K resolution.



\*Chargeable option \*\*To come soon

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

Ideal for:

**Corporate presentation**


**Digital signage**

**Video conferencing**

**Education**



NEW FEATURE  
Van Halen - Right Now



**SONY**

- High Resolution Audio compatible
- Smartphone compatible with inline remote mic
- 1.57" HD driver unit for dynamic range
- Titanium coated diaphragm domes minimize distortion
- Premium design and build quality

## PrimeSupport

All Sony BRAVIA Professional Displays sold into the EU, Norway and Switzerland come supplied with a 3 Year PrimeSupport pack, offering unique services and benefits, including:

- Freephone telephone helpdesk support (00 800 7898 7898) in 5 languages.
- Receive a completely new replacement model rather than repair as standard.

In addition, optional PrimeSupport Plus packs can be purchased to add a 2 year extension of the standard 3 year PrimeSupport and to give long-term assurance of expert support, technical assistance for 5 years from purchase date.



## Specifications

	FW-43XD8001	FW-49XD8001	FW-55XD8501	FW-65XD8501	FW-75XD8501	FW-85XD8501	FWD-100ZD9501	
<b>General features</b>	Screen size (diagonal)	43"	49"	55"	65"	75"	85"	100"
	Brightness (cd/m <sup>2</sup> )****	400	400	450	450	450	450	TBC
	Native contrast ratio				4,000:1			TBC
	Response time (ms)	8	8	5	5	5	6	TBC
	Dynamic contrast ratio					over 1 million		
	Display resolution					4K (3840x2160)		
	Aspect ratio					16:9		
	Portrait compatibility					Yes		
	Android system					Yes		
	Dimming type				Frame Dimming			Local Dimming
<b>Display features</b>	Display device				LCD			
	Backlight type				Edge LED		Direct LED	
<b>TV system</b>	Processor	TBC			X1		X1 Extreme	
	Operation time				17/7			
<b>Video specs</b>	TV Tuner				DVB-T/T2/C/S/S2			
	Number of tuners				2			
	Wide Mode				Full/Normal/Wide Zoom/Zoom/Caption/14:9 for Video Normal/Full1/Full2 for PC			
	4:3 Default				Yes			
	Video Processing				4K X-Reality PRO		4K X-Reality PRO, with X-tended Dynamic Range PRO Motionflow XR 1200Hz	
	Motionflow	Motionflow XR 200Hz			Motionflow XR 800Hz			
	Triluminos				Yes			
	Viewing angle (Right/Left/Up/Down)				178 (89/89/89/89)			
	Compatible with HDR				Yes			
	Video 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, 576i 480p, 480i						
4K 60P quality format	Up to 18Gbps; 4K 60p 4:4:4(8bit), 4:2:2(8,10,12bit), 4:2:0(8,10bit) HDR included for HDMI 1/2/3/4							
HDMI auto wake-up				Yes				
3D							Active TDG-BT500A	
<b>Audio specs</b>	3D glasses							
	Speaker position				Down Firing			
<b>Signage Built-in Solutions</b>	Audio Power Output		10W+10W		7.5W+7.5W+7.5W+7.5W		10W+10W	
	Invisible speaker				Yes			
<b>Corporate Built-in Solutions</b>	Built-in Digital Signage Platform				Yes* (16 GB storage available)			
	Built-in Media Player				Yes			
	Built-in Android Applications Store				Yes			
<b>Security Built-in Solutions</b>	Built-in Mirroring Google Cast solution				Yes			
	Built-in Smart Automation System				Yes			
	Built-in Meeting-Room solution				Yes†			
	Built-in IPTV player				Yes (UDP/RTP)			
<b>Interactivity</b>	Built-in Security Camera Solution				Yes			
	10 point IR touch overlay*	PT-1143-IR10	PT-1149-IR10	PT-1155-IR10	PT-1165-IR10	PT-1175-IR10	PT-1185-IR10	PT-1100-IR10
<b>Network specs</b>	Wi-Fi direct / Wi-Fi Certified				Yes			
	DLNA / Miracast (screen mirroring)				Yes			
	Firmware update				Yes (network or USB)			
	Internet Browser				Yes (Opera)			
	Wireless LAN				Integrated			
<b>Convenience features</b>	USB HDD REC				Yes			
	USB Play (contents)	*MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / JPEG / MPO / RAW(ARW)*						
	On screen clock				Yes			
<b>Control specs</b>	Sleep timer / On/Off timer				Yes			
	IP Control				Yes			
<b>Inputs and outputs</b>	RS-232C Control				Yes (jack 3.5)		Yes (optional accessory)	
	MHL				Yes (v3)			
	HDCP				2.2			
	RF Connection Input(s)				1(Side)			
	IF (BS/CS) Input(s)				2(Side)			
	Composite Video Input(s)	1(Side Analog Conversion)			1(Rear Hybrid w/Component)		1(Side Analog Conversion)	
	Component Video (Y/Pb/Pr) Input(s)				1(Rear)			
	SCART (without Smartlink)				1(Rear)			
	HDMI™ Connection(s) (Total)	4(side3, rear1)				4(outside1, center3)		
	Analog Audio Input(s) (Total)	2 (1Analog Conversion/1Rear)			2 Rear		2 (1Analog Conversion/1Rear)	
Digital Audio Output(s)		1 (Rear)			1 (Side)			
<b>Design features</b>	Audio Out				1(Side/Hybrid w/HP and Subwoofer Out)			
	USB				3 (Side)			
	Ethernet Connection(s)				1 (Side)			
	PCMCIA Slot(s)				1 (Top)			
	Finish (Surface Color)				Black			
	Table Top Stand	Included (assembly required)						
	VESA® Hole Spacing Compatible	Yes (100 x 200 mm)	Yes (200 x 300 mm)	Yes (200 x 200 mm)	Yes (300 x 300 mm)	Yes (400 x 300 mm)		Yes
<b>Environment specs</b>	Light Sensor				Yes			
	Energy Label	A	A	A	A+	A+	A	
	Screen size (measured diagonally)				65"(64.5") / 163.9cm			
	Power Consumption (in Standby)				0.5W			
	Power Consumption (in Operation)	82W	80W	103W	119W	147W	168W	413 W
	Dynamic Backlight Control				Yes			
<b>Measurements</b>	Power Saving Mode / Back Light Off Mode				Yes			
	AC Power Input	1 (Pigtail)	AC Adapter			1 (Pigtail)		
	Display Only (WxHxD) (Approx.)	96.0x56.4x4.5 (1.03) cm	109.3x63.9x4.4 (1.05) cm	123.1x71.7x4.4(1.12) cm	145.4x84.2x4.4(1.12) cm	167.7x96.9x4.9(1.57) cm	191.7x110.9x7.3(2.00) cm	225.8x130.3x9.8 cm
	Display with Stand (WxHxD) (Approx.)	96.0x61.2x 21.6 cm	109.3x68.6x21.6 cm	123.1x77.0x26.3 cm	145.4x89.4x27.9 cm	167.7x102.6x28.6 cm	191.7x118.2x40.2 cm	225.8x139.3x50.4 (67.5) cm
<b>Weight</b>	Package Carton (WxHxD) (Approx.)	107.8 x 70.5 x 15.8 cm	121.3 x 78.0 x 16.9 cm	155.2 x 82.5 x 18.2 cm	176.3 x 95.9 x 19.0 cm	206.2 x 109.1 x 22.8 cm	209.5 x 124.6 x 40.3 cm	245.0 x 165.7 x 76.0 cm
	Display Only	12.3 Kg	13.2 Kg	15.1 Kg	20.3 Kg	33.4 Kg	60.2 Kg	118.6 Kg
<b>Service and Warranty</b>	Display with Stand	13.2 Kg	14.2 Kg	18.6 Kg	23.9 Kg	38.7 Kg	65.6 Kg	132.3 Kg
	Package Carton	17 Kg	20 Kg	27 Kg	35 Kg	55 Kg	83 Kg	224.8 Kg
Standard Warranty	3 Years with Advanced Exchange by a new model							

## Optional accessories



CAB-VGAHDMI1  
VGA to HDMI cable



CAB-RSJA1  
RS232 jack cable



TDM digital signage software licenses  
TDM-DSTY: 1 year  
TDM-DS3Y: 3 years



Touch overlays\*  
PT-KIOSK-4065  
PT-LIFTHL-4075



SU-WL450/PSE  
Wall Mount



SU-WL500/PSE  
Wall Mount for portrait use

\*Touch overlays are an optional accessory.  
\*\*+5V source detection  
\*\*\* Typical value of panel spec  
\*\*\*\* SU-WL500 wall mount is recommended  
†Chargeable options

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