

FW-65XE9001

65" BRAVIA 4K HDR Professional Display



Overview

Spectacular 4K HDR picture quality for corporate displays, education and digital signage

Bring your audience even more compelling, immersive visual experiences with this 65" BRAVIA 4K Professional Display. Slim, beautifully styled and energy efficient, it's ideal for corporate presentations, digital signage, video conferencing and educational applications.

Sony's powerful new-generation 4K HDR Processor X1™ uses object-based HDR remaster and Super Bit Mapping™ 4K HDR technology, ensuring ultra-real images with even more depth, texture and naturally pure colours than its predecessor.

X-tended Dynamic Range PRO™ precisely adjusts light levels in each area of the scene, for spectacular high-contrast images with a brightness range up to five times greater than conventional LED-backlit displays. TRILUMINOS™ Display maps colours from a wider palette, faithfully reproducing every shade and hue with compelling realism.

With a powerful Professional Mode and HTML5 platform built in, BRAVIA offers everything you need to build a complete entry-level networked digital signage solution with no extra boxes or player hardware needed. Play out content directly over HDMI, from a

connected USB device or over the network.

Support for Android TV allows quick customisation and extra functionality with a growing range of B2B applications, including content sharing, video conferencing and more.

Control power, volume, channel change and other functions over the network via a web API. And for even greater versatility, an optional overlay turns BRAVIA into a multi-point touch sensitive display for interactive kiosk and information point applications.

Integration is simple, with flexible mounting and versatile control options. Professional Mode allows customisation and storage of advanced display settings.

Features

4K image resolution (3840 x 2160 pixels)

Offering four times the detail of Full HD with a resolution of over 8 million pixels, 4K brings unprecedented clarity to corporate display, education and digital signage applications.

Easily create digital signage

Now retailers, schools and businesses have more choice than ever to create compelling signage for every kind of space, with no prior training needed; add graphics, text, video and sound files in minutes.

Ultra-real 4K HDR images

Sony's powerful new-generation 4K HDR Processor X1™ uses object-based HDR remaster and Super Bit Mapping™ 4K HDR technology, assuring ultra-real images with even more depth, texture and naturally pure colours than its predecessor.

Higher dynamic range and greater contrast

X-tended Dynamic Range PRO™ ensures spectacular high-contrast images with sparkling highlights and rich, deep shadow

detail. Screen light levels are precisely dimmed in some picture areas and boosted in others, for a brightness range up to five times greater than conventional LED-backlit displays. Even standard dynamic range content is upscaled to near 4K HDR quality for unforgettable clarity, contrast and colour.

Greater colours with TRILUMINOS Display

Our unique TRILUMINOS Display technology enhances your audience's viewing with a wider palette of rich, natural-looking colours.

Do more with the power of Android TV

Personalise and control BRAVIA Professional Displays with Android TV. Download a growing range of B2B-focused apps to create a customised, even smarter display experience.

Easily share content with Google Cast

Send content to display on BRAVIA from other professional and personal devices, including laptops or Android/iOS phones and tablets.

Energy-efficient LED Backlight

The panel's LED backlight consumes less power than conventional fluorescent backlighting, reducing running costs and permitting an ultra-slim, discreet profile.

Practical features for better business

Bravia is great for retail and public display applications: advance controls include Professional Mode, HDMI auto wake-up and 24/7 operation.

Built-in HTML5 for dynamic box-free signage

Integrated support for HTML5 makes it easy and cost effective to create your own digital signage content. Combine text, graphics and video with live web feeds and IPTV to produce compelling displays with no dedicated hardware player needed.

Quick set-up with Professional Mode

Customise and store display settings and features, then copy them easily from display to display via USB flash memory.

Versatile remote control options

Control BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C.

Slim styling and easy cable management

Sleek, slim styling looks great in any corporate, retail or educational environment. Our convenient cable management system ensures a neat appearance without visible wires.

Easy, flexible integration

The slim, stylish display offers VESA standard mounting for easy integration, and blends elegantly into a wide range of corporate, retail or educational environments.

Specifications

TV System

Tuner	DVB-T/T2/C/S/S2
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Tuner (Cable)	DVB-C
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Number of tuners	2
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Display features

Dimming type	Local Dimming
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Display device	LCD
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Backlight type	Direct LED
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Brightness (cd/m2)(*1)	562
Contrast Ratio(*1)	5000:1
Response Time (ms) (*1)	6
Operation time (*2)	24/7

Video specs

Wide Mode	Full/Normal/Wide Zoom/Zoom/Caption/14:9 for Video
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	Motionflow XR 800Hz
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

Audio specs

Down Firing

Speaker position

Audio Power Output 10W+10W

Network specs

Wi-Fi direct Yes

Wi-Fi Certified Yes

DLNA Network Client / Network Renderer

Miracast (screen mirroring) Yes

Firmware update Yes (network or USB)

Internet Browser Yes (Opera)

Wireless LAN Integrated

Convenience features

USB Play (contents) MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD S):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,Mot WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/WAV/MP4

On screen clock Yes

Sleep Yes

timer

On/Off timer	Yes
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Google Cast	Yes
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Inputs and outputs

HDCP	HDCP 2.2 (for HDMI 1/2/3/4)
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RF Connection Input(s)	1 (Side)
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Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)
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Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/Composite)
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HDMI™ Connection(s) (Total)	4 (3 Side / 1 Rear)
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Analog Audio Input(s) (Total)	1
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Digital Audio Output(s)	1 (Rear)
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Audio Out	1 (Side/Hybrid w/HP and Subwoofer Out)
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USB	3 (Side)
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Ethernet Connection(s)	1 (Side)
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Design features

Finish (Surface Color)	Black
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Table Top Stand	Included (assembly required)
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VESA® Hole Spacing Compatible	Yes (300 x 300mm)
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Eco and energy saving

Energy Label Rating	A
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Screen size (measured diagonally)	65" (64.5")
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Power Consumption (in operation)	Rated : 230W / Standard 129 W
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Annual Power Consumption	179 kWh/Year
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Power Consumption (in Standby)	0.50 W
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Power Consumption	
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(networked standby mode)	3.00 W (Wi-Fi) / 3.00 W (LAN) / 0.50 W (Bluetooth)
Peak Luminance Ratio	79%
Lead content	Yes
Mercury content (mg)	0.0
Power Requirements	DC 24 V
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	AC ADAPTER

Measurements

Display Only (WxHxD) (Approx.)	Approx. 144.7 x 83.0 x 6.0 cm
Display with Stand (WxHxD) (Approx.)	Approx. 144.7 x 89.5 x 25.9 cm
Package Carton (WxHxD) (Approx.)	Approx. 155.3 x 95.5 x 19.1 cm

Weight

Display Only	22 kg
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Display with Stand	23.2 kg
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Package Carton	33 kg
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Display specifications

Viewing angle (Right/Left)	178 (89/89) degree
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Viewing angle (Up/Down)	178 (89/89) degree
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Display resolution	4K (3840 X 2160)
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Aspect ratio	16:9
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Operating System	Android 6.0, Marshmallow
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Control specs

RS-232C Control	Yes (jack 3.5)
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IR Pass Through	Yes
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Hotel Mode Pro	Yes(Simple)
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Notes

(*1) Typical value of the panel spec.

(*2) Guaranteed operating temperature range 0°C~35°C
Please set the picture mode to "Standard"
Image retention will occur if still picture is left displaying
Decreasing brightness associated with the use time is out of warranty

Gallery

