

A smarter way to engage

Professional Display for Education



Freshen up your visual presentations with Sony's Professional Displays for schools, colleges and universities. Replace printed notices, team lists and catering menus with colorful, eye-catching multimedia displays that demand students' attention.

Make your point more effectively with 4K image quality in classrooms, theatres and foyers – or any space where you need to inform, update or advise. It's easy to spread the word with dozens of screens across multiple buildings or sites, all managed centrally from an ordinary PC.

Sony's Professional Displays also cut school energy bills, waking up automatically the input is connected and switching off when the screen isn't used.

Professional Display for Corporate presentation



Present a more professional image with our stylish Professional 4K displays. Slim and easy to install, they are the smarter choice in boardrooms, lobbies and meeting areas. Drawing directly on our leadership in consumer video technology, the powerful X1 processor upscales charts, graphics and videos to detail-packed 4K Ultra HD for the crispest, clearest presentations you've ever seen.

Specifications

	FWD-65BZ35D	FWD-55BZ35D	FWD-55BZ20D	FWD-49BZ20D
General features	Screen size (diagonal) 65"	55"	55"	49"
Brightness (cd/m ²)***	450	450	440	400
Native contrast ratio	1400:1	1100:1	1100:1	1100:1
Response time (ms)	5	8	8	8
Dynamic contrast ratio	400000:1	300000:1	300000:1	300000:1
Display resolution	4K (3840x2160)			
Aspect ratio	16:9			
Portrait compatibility	Yes	Yes	No	No
Android system	Yes			
Dimming type	Frame Dimming			
Display device	LCD			
Backlight type	Edge LED	Direct LED		Direct LED
4K Processor	X1	-		
Operation time	17/7			
Wide Mode	Wide Zoom/Normal/14:9/Full/Zoom			
4:3 Default	Yes			
Video Processing	4K X-Reality PRO			
Motionflow	Motionflow XR 800Hz	Motionflow XR 200Hz		Motionflow XR 200Hz
Triluminos Display	Yes	-		
Viewing angle (Right/Left/Up/Down)	178(89/89) degree			
Compatible with HDR	Yes			
Video Signal**	4096x2160p(24, 50, 60Hz), 3840x2160p(24, 25, 30, 50, 60Hz), 1080p(30, 50, 60Hz), 1080i(24p, 1080i(50, 60Hz), 720p(30, 50, 60Hz), 720i(24p, 576p, 576i 480p, 480i)			
Audio specs	HDMI auto wake-up Yes			
Speaker position	Down Firing			
Audio Power Output	10W+10W			
Invisible speaker	Yes			
Signage Built-in Solutions	Built-in Digital Signage Platform Yes			
Built-in Media Player	Yes			
Built-in Android Applications Store	Yes			
Corporate Built-in Solutions	Google Cast Yes			
Built-in Smart Automation System	Yes			
Built-in Meeting-Room solution	Yes			
Built-in IPTV player	Yes			
Security Built-in Solutions	Built-in Security Camera Solution Yes			
Interactivity	HID Touch Panel Capability* Yes			
Network specs	Wi-Fi direct / Wi-Fi Certified Yes			
DLNA	Home Network Client / Home Network Renderer			
Miracast (screen mirroring)	Yes			
Firmware update	Yes			
Internet Browser	Opera			
Wireless LAN	Integrated			
USB Play (contents)	MPEG1/MPEG2PS/MPEG2TS/AVCHD/MP4Part10/MP4Part2/AVI(MotionJpeg)/MOV/WMV/MKV/WEBM/3GPP/MP3/WMA/WAV/FLAC/JPEG			
On screen clock	Yes			
Sleep timer / On/Off timer	Yes			
Control specs	IP Control Yes			
RS-232C Control	-			
Creston/AMX/Extron Integration Capability	Yes			
Inputs and outputs	MHL -			
HDCP	HDCP2.2(for HDMI1.2/3/4)			
RF Connection Input(s)	1(Side)			
Composite Video Input(s)	2 (1 Side Analog Conversion/1 Rear Hybrid with Component)			
Component Video (Y/Pb/Pr) Input(s)	1 (Rear)			
HDMI™ Connection(s) (Total)	4 (side3, rear1)			
Analog Audio Input(s) (Total)	1 (Rear)			
Digital Audio Output(s)	1 (Rear)			
Audio Out	1 (Side/Hybrid w/HP and Subwoofer Out)			
USB	3 (side)			
Ethernet Connection(s)	1 (side)			
Design features	Finish (Surface Color) Black			
Table Top Stand	Separate(assembly required)			
VESA® Hole Spacing Compatible	Yes			
Environment specs	Light Sensor Yes			
Screen size (measured diagonally)	65"(64.5")	55"(54.6")	55"(54.6")	49"(48.5")
Power Consumption (in Standby)	0.5W			
Power Consumption (in Operation)	193W	139W	171W	138W
Dynamic Backlight Control	Yes			
Power Saving Mode/Back Light Off Mode	Yes			
AC Power Input	1(Rear)			
AC Adapter	1(Rear)			
Measurements	Display Only (WxHxD) (Approx.)			
Display with Stand (WxHxD) (Approx.)	Approx. 1454x842x44(11.2) mm	Approx. 1231x770x263 mm	Approx. 1245x770x235 mm	Approx. 1107x690x235 mm
Package Carton (WxHxD) (Approx.)	Approx. 1763 x 959 x 190 mm	Approx. 1552 x 825 x 182 mm	Approx. 1371 x 839 x 229 mm	Approx. 1215 x 770 x 208 mm
Weight	Display Only			
Display with Stand	20.3	15.1	16.9	13.2
Package Carton	23.9	18.6	17.8	14.1
	77.1	59.5	55.1	44.1

Touch overlays are an optional accessory.
** +5V source detection
*** Typical value of panel spec

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Sony is the leading supplier of AV/IT solutions to businesses across a wide variety of sectors including, Media and Broadcast, Video Security, Medical, Digital Cinema and Displays. It delivers products, systems and applications to enable the creation, manipulation and distribution of digital audio-visual content that add value to businesses and their customers. With over 25 years' experience in delivering innovative market-leading products, Sony is ideally placed to deliver exceptional quality and value to its customers. Collaborating with a network of established technology partners, Sony delivers end-to-end solutions that address the customer's needs, integrating software and systems to achieve each organisation's individual business goals. For more information please visit www.pro.sony-asia.com

SONY

Professional Display



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Professional 4K Color LED Displays

49" – 65"
Professional 4K LED Displays

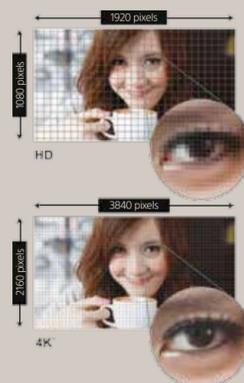
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KEY FEATURES

Leading clearly
Our Professional 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 Sony's Professional 4K LED Displays, now available in 49" – 65" 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 Professional 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, 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 Professional Displays' built-in solutions

Look no further. Our new range features a number of fantastic built-in solutions to customise your display exactly the way you want. From Security Viewer/Recorder, 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, the new 4K X1 Processor enhances contrast, clarity and color to the highest level. Clarity improves with intelligent upscaling and noise reduction, colors 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 color neatly into any corporate, retail or educational environment.

Versatile control options

Easily control your display remotely – including on/off, input signal select and adjust volume – via IP Control.

Automatic on/off feature

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

Portrait capability

Use the Professional Display in portrait for greater signage impact.



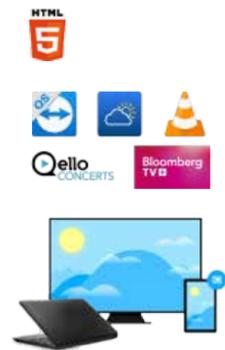
Professional Mode

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

Full Personalisation



Built-in Digital Signage Platform*

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 Professional Display, 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 and Time Keeper.**

Built-in IPTV player

Stream any IP feed directly to your display 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

Professional Display for Digital Signage



Grab shoppers' attention with big, bold sales messages, video promotions, news and more. Found in our award-winning consumer imaging products, TRILUMINOS Display technology expands your color palette for extra in-store impact.

Sony's Professional Displays can play also content directly from a USB memory or over a network, with no need to buy costly media players for each screen.

Professional Display for Video Conferencing



Sony's Professional Displays makes the ideal solution in any workplace, with a generous choice of interfaces plus flexible automation, control and screen management options that allow smooth, seamless integration into today's AV environments.

And as 4K rapidly becomes the new standard for visual communications in all areas of business, cost-effective Professional Displays futureproof your corporate image for years to come.