

FWD-55BZ20D

55"4K Professional Colour LED
Display



Overview

Immersive 4K picture quality for corporate display, education and digital signage applications

Bring the eye-catching depth and resolution of 4K to your business with this 55" Professional 4K LED Display. Slim, beautifully styled and energy efficient, it's ideal for corporate presentations, digital signage, video conferencing and educational applications.

4K delivers four times the screen resolution of Full HD, with Sony's powerful 4K Processor X1 assuring extra clarity, colour and contrast for all your visual communications. Our 4K Professional Displays also supports HDR, allowing you to benefit from the new wave of high-impact content with a wider brightness range.

With an HTML5 platform built in, our 4K Professional Displays 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.

Integration is simple, with flexible mounting and versatile control options. Hotel 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.

Compatible with HDR (High Dynamic Range)

View content shot in HDR (High Dynamic Range), with an extra-wide range of brightness levels for impressive contrast and rich colour.

Great looking images from any input source

Sony's powerful 4K X-Reality PRO engine upscales lower-resolution content so it's closer to 4K Ultra HD quality. From client presentations to high-impact digital signage, you'll see the difference with better looking pictures.

Do more with the power of Android TV

Personalise and control your Professional Display 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 your 4K Professional Display 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.

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 Hotel 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 your 4K Professional Display remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C (RS-232C control requires optional HDMI convertor box).

Control with your smartphone

One-touch Mirroring lets you use your smartphone to swipe, enlarge, move and select content on the big screen for everyone to see.

Internet ready

Ethernet connector and built-in Wi-Fi allow easy wired or wireless Internet connection.

Integrated IPTV system

Stream IPTV content directly to the BRAVIA with no need for any set-top boxes or media players. Add interactive channels, video-on-demand, interactives menus, video security live streams and more.

Integrated media player

Stream IPTV content directly to your 4K Professional Display with no need for any set-top boxes or media players. Add interactive channels, video-on-demand, interactives menus, video security

live streams and more.

Slim styling and easy cable management

Sleek, slim styling looks great in any corporate, retail or educational environment. Our convenient new 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

Display features

Dimming type	Frame Dimming
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Display device	LCD
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Backlight type	Direct LED
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Video specs

Wide Mode	Wide Zoom/Normal/14:9/Full/Zoom
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4:3 Default	Yes
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Video Processing	4K X-Reality PRO
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Motionflow	Motionflow XR 800Hz
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Compatible with HDR	Yes
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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
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Audio specs

Speaker position	Down Firing
Audio Power Output	10W+10W

Network specs

Wi-Fi direct	Yes
Wi-Fi Certified	Yes
DLNA	Home Network Client / Home Network Renderer
Miracast (screen mirroring)	Yes
Firmware update	Yes
Internet Browser	Yes (Opera)
Wireless LAN	Integrated

Convenience features

	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD)
USB Play	AVI:Xvid,MotinJpeg/
(contents)	ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,A
	3GPP:MPEG4,AVC/MP3/ASF(WMA)/WAV/MP4AAC/FLAC/...

On screen clock	Yes
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Sleep timer	Yes
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On/Off timer	Yes
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Google Cast	Yes
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Inputs and outputs

HDCP	HDCP2.2(for HDMI1/2/3/4)
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RF Connection Input(s)	1(Side)
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Composite Video Input(s)	2 (1Side Analog Conversion/1Rear Hybrid w/Component)
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Component Video (Y/Pb/Pr) Input(s)	1 (Rear)
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HDMI™ Connection(s) 4(side3, rear1)
(Total)

Analog Audio Input(s) 1 (Rear)
(Total)

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

Eco and energy saving

Screen size (measured
diagonally) 55"(54.6")

Power
Consumption(on 157W)

mode/ standard)

Annual Power Consumption	[Singapore] 204 kWh/Year
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Power Consumption (in Standby)	0.7W
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Light Sensor	Yes
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Dynamic Backlight Control	Yes
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Power Saving Mode / Back Light Off Mode	Yes
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AC Power Input	AC ADAPTER
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Measurements

Display Only (WxHxD) (Approx.)	Approx. 1238x718x84 mm
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Display with Stand (WxHxD) (Approx.)	Approx. 1238x772x262 mm
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Package Carton (WxHxD) (Approx.)	Approx. 1561 x 865 x 211 mm
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Weight

Display Only	21.4
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Display with Stand	24.7
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Package Carton	25
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Display specifications

Viewing angle (Right/Left)	178(89/89) degrees
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Viewing angle (Up/Down)	178(89/89) degrees
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Display resolution	QFHD
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Brightness (cd/m ²)	440
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Contrast Ratio	1100:1
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Response Time (ms)	8
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Aspect ratio	16:9
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OS	Android
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Gallery

