

# FWD-65BZ40E

65" 4K HDR Professional Display\*



## Overview

Bring your audience even more compelling, immersive visual experiences with this 65" 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, Sony displays offer 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 your display 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.

\*Available in Singapore, Vietnam and Indonesia

## Features

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.

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. Full compatibility with Digital Signage.

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.

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.

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

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

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

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

Great for retail and public display applications: advanced controls include Professional Mode, HDMI auto wake-up and 18/7 operation.

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.

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

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

Turn your display into an interactive touchscreen or information kiosk. An optional screen overlay fits seamlessly, adding multi-touch capability to allow instant customer interaction. Contact your local Sony dealer for more information.

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

convenient cable management system ensures a neat appearance without visible wires.

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
Number of tuners	1 (Digital/Analog)
Display features	
Dimming type	Local Dimming
Display device	LCD
Backlight type	Direct LED
Video specs	
Wide Mode	Wide zoom/Normal/Full/Zoom/14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	Motionflow XR 800 (Native 100Hz)
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	
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	Opera
Wireless LAN	Integrated

### Convenience features

USB Play (contents)	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4S):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/WAV/MP4AAC/FLAC/JPEG
On screen clock	Yes
Sleep timer	Yes
On/Off timer	Yes
Google Cast	Yes

### Inputs and outputs

HDCP	HDCP 2.2 (for HDMI 1/2/3/4)
RF Connection Input(s)	1 (Side)
Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)
Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/Composite)
HDMI™ Connection(s) (Total)	4 (3 Side / 1 Rear)
Analog Audio Input(s) (Total)	1
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	Included (assembly required)
VESA® Hole Spacing Compatible	Yes (300 x 300mm)



**Eco and energy saving**

Screen size (measured diagonally)	65" (64.5")
Power Consumption (Rated)	212W
Power Consumption (in Standby)	0.5W
Power Requirements	DC 24V
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. 1447 x 830 x 60 mm
Display with Stand (WxHxD) (Approx.)	Approx. 1447 x 895 x 259 mm
Package Carton (WxHxD) (Approx.)	Approx. 1555 x 958 x 193 mm

**Weight**

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

**Display specifications**

Viewing angle (Right/Left)	178 (89/89) degree
Viewing angle (Up/Down)	178 (89/89) degree
Display resolution	QFHD
Aspect ratio	16:9
Operating System	Android

**Signage specs**

Easy HTML5 Signage embedded	Yes
Multicast / IPTV	Yes

## Control specs

RS-232C Control	1 (Rear/Mini Jack)
IR Pass Through	Yes
Hotel Mode Pro	Yes
IP Control	Yes
HDMI auto wake-up	Yes

## Gallery

