SONY

FW-85BZ35F

85" 4K HDR Professional Display

Overview

Optimised display for professional use - display a better, brighter image for your business

This slim, energy-efficient FW-85BZ35F professional display combines bright, beautiful 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Ideally suited to professional use, the display takes full advantage of latest consumer television technologies to ensure vibrant 4K images. It's ideal for integration in corporate environments, with Pro mode to simplify installation and allow easy customisation of display settings to suit different applications and environments.

The display's intuitive built-in software platform broadens control and customisation options even further. It's easy to create attractive digital signage, mixing media files and online content with no need for additional player hardware. There's also a wide range of APIs (Application Programming Interface) options to enable remote control/monitoring and integration with external systems.

The FW-85BZ35F is ideal for a wide range of business and educational environments. Applications include meeting room displays, information displays for lobbies and waiting rooms, digital signage, classroom displays, hotel guest room TV, security camera monitoring, guide displays for showrooms and museums, and information displays for sports stadiums, arenas and live venues.

Features

Optimised for professional use
The display meets the needs of a wide range of business applications, with flexible installation options plus wired and wireless network connection and serial communication control.

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

Flexible mounting and installation
The display offers flexible mounting options (table-top), with VESA standard mounting for easy integration into a wide range of environments.

Quick set-up with Pro Mode
Customise and store display settings and features, then copy them easily to multiple displays via USB flash memory.

Pro mode enables a detailed customisation for a variety of setting menus, which are available to meet your specific usage requirements.

One-step setting optimised for signage and meeting rooms
This tool instantly completes the necessary settings to optimise the signage or meeting room used.

In-built software platform
Powerful processing capabilities broaden control/customisation options and reduces total ownership costs.

Easily create digital signage
Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video and live web content to create attractive signage in minutes.

Open API support
Compatibility with a wide range of web APIs broadens options for remote control/monitoring and integration with external systems.

4K image resolution (3840 x 2160 pixels)
4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to corporate display, education and digital signage applications.

Clearer, more natural 4K images
Images are clearer, smoother and more natural with Sony's 4K X-Reality™ PRO picture processing technology. Advanced noise reduction techniques and a special pattern database ensure that every scene is packed with lifelike detail.

Compatible with 4K HDR
High brightness and dynamic contrast are ideal for displaying 4K HDR (High Dynamic Range) content, revealing previously-hidden details in the brightest highlights and areas of dark shadow.

Smooth, fluid on-screen action
Motionflow XR 960 ensures smoother, more natural reproduction of rapidly-moving images on screen.

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

Specifications

Display features	
Dimming type	Frame Dimming
Display device	LCD
Backlight type	Direct LED
Brightness (cd/m2) (*1)	620
Contrast Ratio (*1)	4000:1
Dynamic Contrast Ratio	500,000:1
Response Time (ms)(*1)	6

Operation time (*2)	24/7
Portrait Mode	Yes

Video specs

Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	Motionflow XR 960Hz (Native 100Hz)
Compatible with HDR	Yes (HDR10, HLG)
Video Signal	4096 x 2160p (24, 50, 60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080 / 24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 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 mirorring)	Yes
Firmware update	Yes
Wireless LAN	Integrated

Convenience features

USB Play (contents)	MPEG1 : MPEG1 / MPEG2PS : MPEG2 / MPEG2TS (HDV, AVCHD) : MPEG2, AVC / MP4 (XAVC S) : AVC, MPEG4, HEVC / AVI : Xvid, MotionJpeg / ASF (WMV) : VC1 / MOV : AVC, MPEG4, MotionJpeg / MKV : Xvid, AVC, MPEG4, VP8.HEVC / 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)
Composite Video Input(s)	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 (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
VESA® Hole Pitch	400 x 400 mm
Panel type (IPS / VA)	VA
Panel surface treatment	AG
Haze (%)	2%
Bezel size (Top/Side/Bottom (mm))	17/17/17
Bezel Material	Aluminium

Eco and energy saving

Screen size (measured diagonally)	85" (84.6")
Power Consumption (Rated / standard)	378W
Power Consumption (in Standby)	0.5W
Power Requirements	AC 110-240V for other, AC 110V for Taiwan
Power Saving Mode / Back Light Off Mode	Yes

Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	1 (REAR)

Measurements

Display Only (W x H x D) (Approx.)	Approx. 1911 x 1098 x 73 mm
Display with Stand (W x H x D) (Approx.)	Approx. 1911 x 1176 x 429 mm
Package Carton (W x H x D) (Approx.)	Approx. 2088 x 1236 x 373 mm

Weight

Display Only	44.1
Display with Stand	46.2
Package Carton	64

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
OS	Android 7.0 Nougat

Signage specs

| Easy HTML5 Signage embedded | Yes |
| Multicast / IPTV | Yes |

Control specs

RS-232C Control	1 (Side)
Pro Mode	Yes
IP Control	Yes
HDMI auto wake-up	Yes

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 typical

Related products

WQ-BS1

Digital Signage application for 4K Professional Displays

WQF-USMP2

Standalone simple digital signage (Free)

Gallery