

FW-49BZ35F

49" BRAVIA 4K HDR Professional Display



Overview

Optimized display for professional use—display a better, brighter image for your business

This slim, energy-efficient FW-49BZ35F BRAVIA 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 customization of display settings to suit different applications and environments.

The display's intuitive built-in software platform broadens control and customization 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 API (Application Programming Interface) options to enable remote control/monitoring and integration with external systems.

The FW-49BZ35F 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

Optimized 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 BRAVIA 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 (vertical, tilt, and table-top), with VESA-standard mounting for easy integration into a wide range of environments.

Quick set-up with Pro Mode

Customize and store display settings and features, then copy them easily to multiple displays via USB flash memory.

Pro mode enables detailed customization in a variety of settings menus, which are available to meet your specific usage requirements.

One-step setting optimized for signage and meeting rooms

This tool instantly completes the necessary settings to optimize the signage or meeting room used.

In-built software platform

Powerful processing capabilities broaden control/customization options and reduce 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 colors with TRILUMINOS Display

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

Specifications

Display features	
Dimming type	Frame Dimming
Display device	LCD
Backlight type	Edge LED
Brightness (cd/m2) (*1)	505
Contrast Ratio (*1)	5000:1
Dynamic Contrast Ratio	400,000:1
Response Time (ms)(*1)	8
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 960 (Native 120Hz)
Compatible with HDR	Yes (HDR10, HLG)
Video Signal	4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60 Hz), 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30,60 Hz), 720/24p, 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
Wireless LAN	Integrated

Convenience features

USB Play (contents)	MPEG1: MPEG1/MPEG2PS: MPEG2/MPEG2TS (HDV,AVCHD): MPEG2, AVC/MP4 (XAVCS): 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	HDCP2.2 (for HDMI1/2/3/4)
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Inputs and outputs

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	200 x 200 mm/7 7/8 x 7 7/8 inch
Panel type (IPS/VA)	VA
Panel surface treatment	AG
Haze (%)	2%
Bezel size (Top/Side/Bottom (mm))	9.3/9.8/18.4
Bezel Material	Aluminum, only bottom is Mold

Eco and energy saving

Screen size (measured diagonally)	49" (48.5")
Power Consumption (Rated/standard)	145 W
Power Consumption (in Standby)	0.5W
Power Requirements	DC 19.5V
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes

Eco and energy saving

AC Power Input	AC ADAPTER
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Measurements

Display Only (WxHxD) (Approx.)	1098 x 644 x 58 (17.2) mm/43 1/4 x 25 3/8 x 2 3/8 (11/16) inch
Display with Stand (WxHxD) (Approx.)	1098 x 703 x 279 mm/43 1/4 x 27 3/4 x 11 inch
Package Carton (WxHxD) (Approx.)	1188 x 776 x 148 mm/46 7/8 x 30 5/8 x 5 7/8 inch

Weight

Display Only	13.2
Display with Stand	13.7
Package Carton	19

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.
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(*2)	Guaranteed operating temperature range 32°F–95°F 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
Availability	Please note this model is not available in the following countries: Argentina, Bolivia, Brazil, Chile, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Uruguay, and Venezuela.

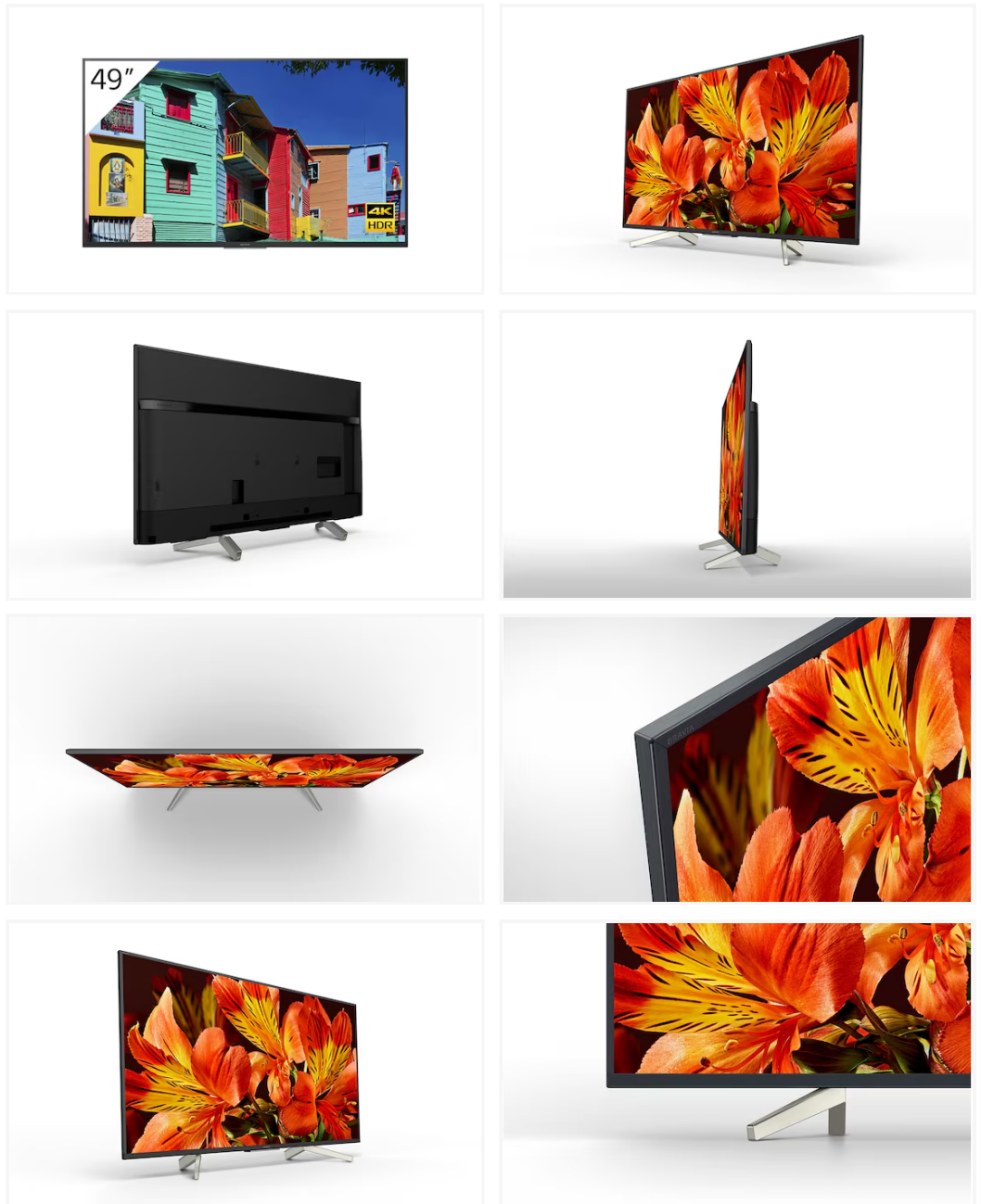
Related products

**WQ-BS1**

Digital Signage application
for BRAVIA 4K Professional
Displays

**NUCLeUS**

The smart digital imaging
platform for medical
environments



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