

FW-55BZ35F

55" BRAVIA 4K HDR Professional Display



Overview

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

This slim, energy-efficient FW-55BZ35F 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, high-brightness 4K images that stand out from the crowd. 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-55BZ35F 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.

For even greater peace of mind there's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

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 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

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.

Very high brightness and contrast, ideal for HDR

The high brightness, high contrast panel outshines other displays. It's ideal for presenting 4K HDR (High Dynamic Range) content, revealing subtle detail 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.

Greater Peace of Mind

There's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

Specifications

General features

Screen size (diagonal) 55"

Brightness (cd/m²) (*1) 620 cd/m²

Native contrast ratio 1,400:1

Dynamic contrast ratio Over 1 million

Response time (ms) 5

Display resolution 4K (3840 x 2160)

Compatible with HDR Yes (HDR10, HLG)

Aspect ratio 16:9

Portrait compatibility Yes

Display features

Dimming type Frame Dimming

Display device LCD

Backlight type Edge LED

Operating system Android 7.0

Processor X1

Operation time (*2) 24/7

Video specs

Wide Mode Wide zoom / Normal / Full / Zoom / 14:9

4:3 Default Yes

Video Processing 4K X-Reality PRO

Motionflow Motionflow XR 800Hz (Native 100Hz)

Triluminos Yes

Viewing angle (Right / Left / Up / Down) 178 (89 / 89 / 89 / 89)

4096 x 2160p (24, 60Hz), 3840 x

| | |
|---------------------|--|
| Video Signal (HDMI) | 2160p (24, 30, 60Hz), 1080p (30, 60Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p, 480p, 480i |
|---------------------|--|

| | |
|-----------------------|---|
| 4K 60P quality format | Up to 18Gbps:4K 60p 4:4:4 (8bit), 4:2:2 (8, 10, 12bit), 4:2:0 (8, 10bit) HDR included for HDMI 1 / 2 / 3 / 4 |
|-----------------------|---|

Audio specs

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|------------------|-------------|
| Speaker position | Down Firing |
|------------------|-------------|

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|--------------------|-----------|
| Audio Power Output | 10W + 10W |
|--------------------|-----------|

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| Invisible speaker | Yes |
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Professional features

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| Professional Hidden Mode | Yes |
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| HDMI auto wake-up | Yes |
|-------------------|-----|

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| HTML5 platform | Yes |
|----------------|-----|

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| Multicast / IPTV | Yes (UDP / RTP) |
|------------------|-----------------|

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| Compatible with TDM Digital Signage | Yes |
|-------------------------------------|-----|

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|-------------------|-------|
| Available storage | 16 GB |
|-------------------|-------|

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|------------------------|---|
| Compatible TDM content | Customised design, text, pictures, videos, YouTube, traffic, weather, public information, Facebook, Twitter, powerpoint and more. |
|------------------------|---|

Network specs

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|------------------|-----------------------------------|
| Wi-Fi Direct | Yes |
| Wi-Fi Certified | Yes |
| DLNA | Network Client / Network Renderer |
| Firmware update | Yes (network or USB) |
| Internet Browser | Yes (Opera) |
| Wireless LAN | Integrated |

Convenience features

| | |
|---------------------|--|
| USB HDD REC | Yes |
| USB Play (contents) | MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD):MPEG2, AVC / MP4 (XAVC EG4, 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 |

Control specs

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|-----------------|----------------|
| IP Control | Yes |
| RS-232C Control | Yes (jack 3.5) |
| HDMI CEC | Yes |

Inputs and outputs

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|------------------------------------|------------------------------|
| 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) 1 (Rear)
for HDMI (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 (30.0 x 20.0 cm)

Environment specs

Light Sensor Yes

Energy Label A

Screen size (measured
diagonally) 55"

Power Consumption

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|---|--------------------------------|
| (in Standby) | 0.50W |
| Power Consumption (networked standby mode) | 2.00 W (Wi-Fi) 2.00 W (LAN) |
| Peak Luminance Ratio | 81% |
| Power Consumption (in Operation) | 103W |
| Lead content | Yes |
| Mercury content (mg) | 0.0 |
| Dynamic Backlight Control | Yes |
| Power Saving Mode / Back Light Off Mode | Yes |
| AC Power Input | 1 (Rear) |

Measurements

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|--------------------------------|------------------------------|
| Display Only (W x H x D) | 123.1 x 71.3 x 5.2 (1.41) cm |
| Display with Stand (W x H x D) | 123.1 x 77.6 x 31.5 cm |

Package Carton (W x H x D) 133.2x81.7x15.8 cm

Weight

Display Only 19.1 Kg

Display with Stand 20 Kg

Package Carton 26 Kg

Optional accessories

TDM Digital Signage 1-year license TDM-DS1Y

TDM Digital Signage 3-years license TDM-DS3Y

Manage for TEOS Control license TEM-CO10

Manage for TEOS Meeting Room license TEM-MR10

Manage for TEOS Signage license TEM-DS10

Connect for TEOS Mirroring license TEC-SC100

10 point IR touch

| | |
|-----------------------------------|--------------|
| overlay | TO-1355-IR10 |
| 10 point Capacitive touch overlay | TO-1355-CA10 |
| White cover | FC-1355/W |
| Wood cover | FC-1355/WO |
| Wallmount bracket | SU-WL450/PSE |
| VGA to HDMI cable | CAB-VGAHDMI1 |
| RS232 jack cable | CAB-RSJA1 |

PrimeSupport

| | |
|----------------------------------|---|
| Included PrimeSupport | 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. |
| Optional PrimeSupport Extensions | Optional 2-year support extension available: PSP.FW55BZ35.2X |

Notes

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|------|----------------------------------|
| (*1) | Typical value of the panel spec. |
| | Guaranteed operating |

(*2)

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

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