



**FW85BZ40H**

**85-inch BRAVIA 4K Ultra HD HDR Professional Display**



## **Features**

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### **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.

### **See finer detail**

4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution picture sources.

### **Smooth, fluid on-screen action**

X-Motion Clarity™ ensures smoother, more natural reproduction of rapidly moving on-screen images.

### **One Step Setting**

A time-saver in corporate environments, One Step Setting optimizes picture and networking settings to suit meeting rooms and signage applications at the touch of a single button.

### **Reliable 24/7 operation**

BRAVIA is engineered for dependable round-the-clock operation in the most demanding corporate and AV presentation environments.

### **Google Chromecast built in**

Cast videos and apps from a mobile device directly to BRAVIA with Google Chromecast. Just tap the Cast button on your Android or iOS device screen and instantly enjoy super-sized on BRAVIA.

### **Very high brightness and contrast**

The high brightness, high contrast panel with Full Array local dimming is ideal for presenting 4K HDR (High Dynamic Range) content, revealing subtle detail in bright highlights and areas of dark shadow.

### **Rich, natural color with TRILUMINOS Display**



TRILUMINOS Display maps colors from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

### Quick set-up with Pro Mode

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

### Easily create digital signage

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

### Cast content with Apple AirPlay2

With Apple AirPlay2 it's easy to stream video and sound to BRAVIA right from an iPhone, iPad or Mac.

### 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.

### Connectivity when you need it most

The FW-85BZ40H supports Wi-Fi 5 GHz and 2.4 GHz as well as Bluetooth 4.2.

## Specification

Display Features	
Dimming Type	Local Dimming
Display Device	LCD
Backlight Type	Direct (Full Array LED)
Brightness (cd/m2) (*1)	620 (Peak Brightness: 850 *1) *1 Typical value of the panel specification
Contrast Ratio (*1) *1 Typical value of the panel specification	4000:1
Dynamic Contrast Ratio	600000:1
Response Time (ms) (*1)	6
Video Specs	
Wide Mode	Auto/Wide Zoom/Normal/Full/Zoom



4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	X-Motion Clarity, Auto mode
Compatible with HDR	Yes (HDR10, HLG, Dolby Vision)
Video Signal	4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60 Hz), 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p
<b>Audio Specs</b>	
Speaker Position	Side Back + Down Firing
Audio Power Output	10W + 10W
<b>Network specs</b>	
Wi-Fi direct	Yes
Wi-Fi Certified	Yes
DLNA	Home Network Client, Home Network Renderer
Miracast (screen mirroring)	Yes (in Pro mode)
Firmware Update	Yes
Wireless LAN	Integrated
<b>Convenience Features</b>	
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) / LPCM / WAV / MP4AAC / FLAC / JPEG
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Chromecast Built-in	Yes
Apple AirPlay	Yes
<b>Inputs and Outputs</b>	
HDCP	HDCP 2.3 (for HDMI 1/2/3/4)
Composite Video Input(s)	1 (Side)



HDMI™ Connection(s) (Total)	4 (4 Side)
Analog Audio Input(s) (Total)	1 (Side)
Digital Audio Output(s)	1 (Side)
USB	2 (Side)
Ethernet Connection(s)	1 (Side)
<b>Design Features</b>	
Bezel color	Black
Table Top Stand	Separate (assembly required)
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	15.75 x 15.75 inch
<b>Eco and Energy Saving</b>	
Screen Size (measured diagonally)	85" (84.6")
Power Consumption (Rated)	318 W
Power Consumption (in Standby)	0.5W
Power Requirements	AC 120 V for UL cUL , AC 110–240 V for other
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	C8 INLET (REAR)
<b>Measurements</b>	
Display Only (W x H x D) (Approx.)	74.76 x 42.87 x 2.83 inch
Display with Stand (W x H x D) (Approx.)	74 76 x 45.75 x 17.36 inch
Package Carton (W x H x D) (Approx.)	80.16 x 48.50 x 10.16 inch
<b>Weight</b>	



Display Only	100 lb 15.55 oz
Display with Stand	105 lb 2.57 oz
Package Carton	136 lb 10.99 oz
<b>Display specifications</b>	
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 9.0 Pie
<b>Signage specs</b>	
Easy HTML5 signage embedded	Yes
Multicast / IPTV	Yes
<b>Control specs</b>	
RS-232C Control	1 (Side)
Pro Mode	Yes
IP Control	Yes
HDMI auto wake-up	Yes