SONY

BRAVIA™ 4K Professional Displays

24/7 displays designed for business

BZ40H-series
FW-85BZ40H
FW-75BZ40H
FW-65BZ40H
FW-55BZ40H

BZ35F-series
FW-49BZ35F
FW-43BZ35F

4K HDR

X1 4K HDR Processor

Full Array LED

X-tended Dynamic Range

X-Motion Clarity

TRILUMINOS DISPLAY

CRESTRON connected

KRAMER AV BEYOND THE BOX

Extron

logitech

Next Generation 4K Picture Quality

Bring the incredible depth and quality of 4K resolution to your business with our BRAVIA 4K Professional Displays, available in 43" – 85" screen sizes.

Superior displays designed for business

Our BRAVIA 4K Displays are designed to suit all your professional needs so you always present a clear image. Portrait orientation reliability, advanced control, professional mode, optional interactive compatibility, 24/7 operation and an embedded HTML5 platform for easy digital signage creation.

Professional design

Our line-up offers all the technological performance and style you'd expect from BRAVIA, powered by our 4K HDR Processor X1 enhanced processor. The 4K LCD panel produces four times the pixels of Full HD for outstanding picture quality, while the ultra-slim new design enhances any corporate or retail environment.

Do more with our BRAVIA solutions

Look no further with BRAVIA Professional. Our new full-line series features a number of remarkable built in and optional solutions to customize your BRAVIA exactly the way you want.
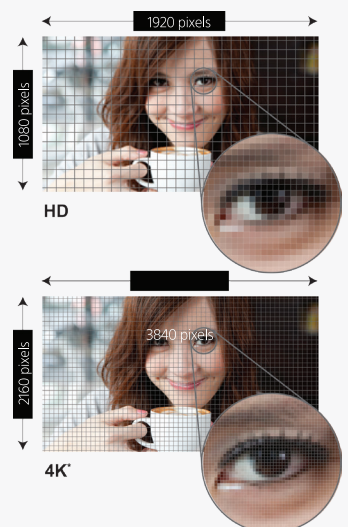
Key Features

Around the clock display

With reliable 24/7 operation, the BRAVIA BZ series enable you to deliver your message around the clock. BRAVIA outshines ordinary displays with an incredibly high 620 cd/m²* and up to 850 cd/m²* brightness, combined with a combined with stunning 4K resolution, it ensures your visual communications always stand out, even in daylight or well-lit rooms, day and night.

*Except for the FW-43BZ35F and the FW-49BZ35F
**Model specific, conditions apply for some functionality

New functionality**

Discover a new world of possibilities with the new BRAVIA functionality. From easily mirroring your content into your BRAVIA with Apple AirPlay and Chromecast-built in, to using DICOM, and supporting the Wi-Fi 5GHz.

1920 pixels
1080 pixels
HD

3840 pixels
2160 pixels
4K*

Ultimate Picture Quality

16:9 4K resolution (3840 x 2160 pixels)
With over 8 million pixels, a 4K resolution screen offers four times the detail of Full HD. Combined with the ability to manage 4K 60P up to 18Gbps, it now produces a level of detail and realism beyond anything you've seen before.

X1
4K HDR Processor

4K HDR X1 Processor
Our powerful 4K HDR X1 Processor enhances contrast, clarity and color to the highest level. Clarity improves with intelligent upscaling and noise reduction, colors are individually enhanced, and the dynamic range of contrast is optimized frame by frame.
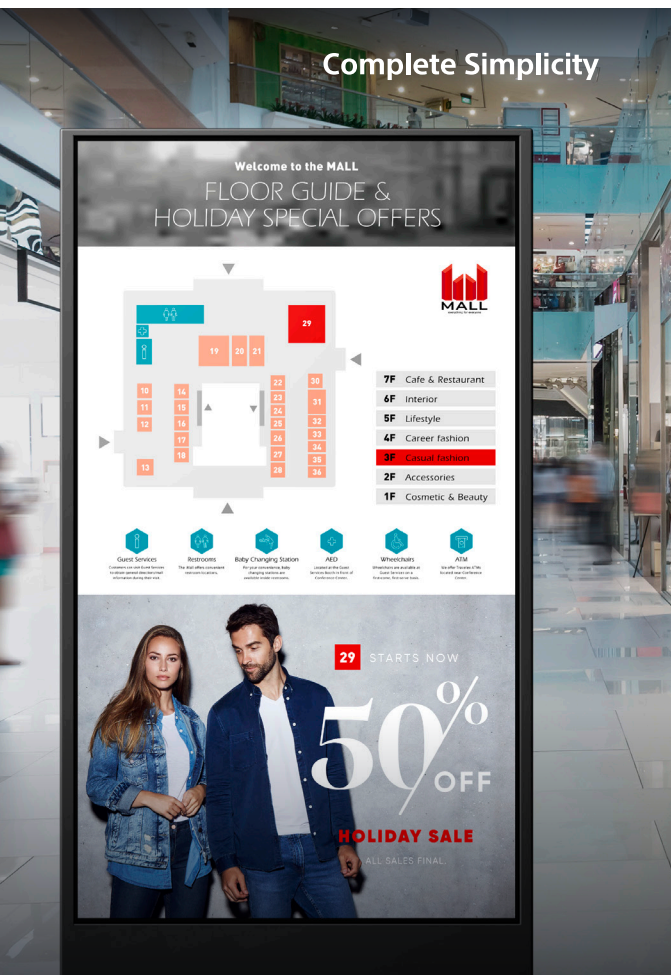
Full Array LED

Higher contrast, higher brightness
With Full Array Local Dimming being supported (applies to BZ40H models only), specific sections of the screen can be incredibly bright while other areas remain pitch black so you get the best contrast possible, in addition, light areas in the image receive a boost in backlighting, creating brilliant peaks of brightness.

4K HDR

Compatible with High Dynamic Range (HDR)
View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity.

Complete Simplicity

Strong performance
With new functionalities such as Wi-Fi 5GHz Support, Apple AirPlay, Chromecast built-in, DICOM, the BRAVIA performance is stronger than ever before.

Elegant design
With the sleek new design, your BRAVIA will add a perfectly sophisticated touch to any environment.

Versatile control options
Easily control your BRAVIA remotely – including on/off, input signal select and adjust volume – via IP or via RS-232C. For quick operation in meetings or for digital signage, it takes just one click to change to your chosen default settings.

Automatic on/off feature
Easily program your BRAVIA with the On Timer feature to automatically turn your BRAVIA on or off.

Mode portrait and 24/7 capability
For greater signage impact, the BRAVIA Display can be used in both in portrait orientation and operate 24/7.

Professional Mode
There is now more control to disable input or remote control, remove labels and block buttons; customize and store display settings and features, add security then copy them easily from display to display via USB flash memory.

Bring the incredible depth and quality of 4K resolution to your business

Ideal for:

Corporate Settings
Digital Signage
Video Conferencing
Education Environments

Do more with BRAVIA

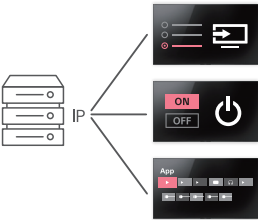## Software platform to enhance business applications

Simple and easy 4K signage configuration

You can easily establish 4K digital signage by simply selecting the files or URLs of video, stills, or web pages. It's all manageable via a USB memory; your 4K signage solution is ready to get started on an affordable budget. What's more, 2K content gets automatically upconverted to 4K so even your current content can be displayed with finer results.
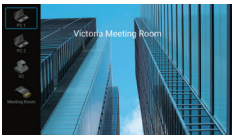
Flexible content layout with HTML5

The BZ Series offers built-in support for the HTML5 application platform, so it's possible to use HTML5 interactive signage content as well as the portal site for hotel room guests without requiring a set-top box or PC.
The content screen can be freely laid out using the 4K video, pictures, or even with the HDMI input.

Over 100 REST APIs for remote monitoring and control

With more than 100 REST APIs built-in, monitoring and controls from remote locations and integration with external systems are available. We also provide a free app that enables control of the display via IP.
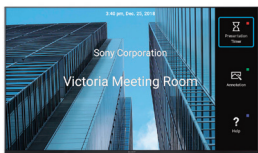
Meeting room solution

Standard and enhanced interface in meeting rooms with smart features, and efficient automated systems for input management. There is no need for extra controllers in the room and settings stay exactly as they have been programmed.
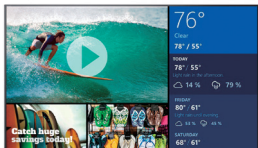
BZ-series Specifications

		FW-43BZ35F	FW-49BZ35F	FW-55BZ40H	FW-65BZ40H	FW-75BZ40H	FW-85BZ40H
General features	Screen Size	43"	49"	55"	65"	75"	85"
	Brightness (cd/m²)	505		Typ. 620 / Peak 850			
	Native contrast ratio	1400:1	5000:1	6,000:1			4,000:1
	Dynamic contrast ratio	400000:1		550000:1		600000:1	
	Response Time (ms)	5		8			6
	Display resolution (H x V, pixels)	3840x2160					
	HDR (High Dynamic Range) compatiblity	Yes (HDR10, HLG)		Yes(HDR10,HLG,Dolby Vision)			
	Aspect Ratio	16:9					
	Portrait Compatibility	Yes					
Display features	Dimming type	Frame Dimming		Local Dimming			
	Display device	LCD					
	Backlight type	Edge LED		Direct(Full Array LED)			
	4K Processor	4K HDR Processor X1					
	Operation time	24/7					
Video Specs	Wide Mode	Wide zoom/Normal/Full/Zoom/14:9		Auto/Wide zoom/Normal/Full/Zoom			
	4:3 Default	Yes					
	Video Processing	4K X-Reality PRO					
	Motion enhancer	Motionflow XR 800Hz (Native 100Hz)		X-Motion Clarity, Auto mode			
	TRILUMINOS Display	Yes					
	Viewing Angle (Right/Left/Up/Down)	178(89/89) degree					
	HDMI 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		4096x2160p (24,60Hz), 3840x2160p (24,30,60Hz), 1080p (30,60,120Hz), 1080/24p, 1080i (60Hz), 720p (30,60Hz), 720/24p, 480p			
Audio Specs	Speaker Position	Down Firing		Side Back + Down Firing			
	Audio Power Output	10W + 10W					
Professional features	Professional Hidden mode	Pro Mode					
	HDMI auto wake-up	Yes					
	HTML5 platform	Yes					
	Multicast/IPTV	Yes					
	Operating System* As of 2020 August	Android 9.0 (via firmware update)		Android 9.0			
	On-board Storage (GB)	16GB* The actual capacity available to the user will vary depending on OS and installed software requirements.					
Network Specs	Wi-Fi Direct	Yes					
	Wi-Fi Certified	Yes					
	Wireless LAN	Integrated					
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/ MPEG2TS(HDV,AVCHD):MPEG2, AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid, MotinJpeg/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		MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC, MPEG4,HEVC/AVI:Xvid,MotinJpeg/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 (Internet required)	No		Yes			
Control Specs	IP Control	Yes					
	RS-232C Control	1(Side)					
	HDMI-CEC						
Inputs and outputs	HDCP	HDCP2.3(for HDMI1/2/3/4)					
	Composite Video Input(s)	1 (Rear Hybrid w/Component)		1(Side)			
	HDMI inputs total	4 (3Side,1Rear)		4(4Side)			
	Analog Audio Input(s) (Total)	1 (Rear)		1(Side Analog Conversion)			
	Digital Audio Output(s)	1 (Rear)		1(Side)			
	USB ports	3 (Side)		2(Side)			
	Ethernet inputs	1(Side)					
Design features	Frame color	Black					
	Stand Design	Silver Chevron		Metal Blade Stand			
	VESA® Hole Spacing Compatible	Yes					
	VESA® Hole Pitch(W x H)	100x200 mm	200x200 mm	300x300 mm			400x400 mm
Environment specs	Screen Size for WEB(diagonal, cm, integer or 1st decimal)	108.0 cm	123.2cm	139.0 cm	164.0 cm	189.0 cm	215.0 cm
	Rated Power Consumption	120W	145W	173W	214W	277W	318W
	Power Consumption (in Standby)	0.50W					
	Dynamic Backlight Control	Yes					
	Power Saving Mode / Back Light Off Mode	Yes					
Measurements	Dimension of TV without Stand (W x H x D)	965x569x58 mm	1098x644x58 mm	1231x710x70 mm	1450x833x70 mm	1674x961x71 mm	1899x1089x72 mm
	Dimension of TV with Stand (W x H x D)	965x628x279 mm	1098x703x279 mm	1231x780x338 mm	1450x903x338 mm	1674x1034x410 mm	1899x1162x441 mm
	Dimension of Package Carton (W x H x D)	1070x695x148 mm	1188x776x148 mm	1348x833x160 mm	1574x958x184 mm	1810x1107x186 mm	2036x1232x258 mm
Weight	Weight of TV without Stand	10.8 kg	13.2 kg	16.5 kg	22.2 kg	32.9 kg	45.8 kg
	Weight of TV with Stand	11.3 kg	13.7 kg	17.5 kg	23.2 kg	34.4 kg	47.7 kg
	Weight of Package Carton(Gross)	15kg	19kg	23kg	31kg	46kg	62kg

Optional Software & Accessories

BRAVIA Meeting (WQ-BM1)

BRAVIA Meeting enables centralized management of displays and interactive meetings via a network. The optional software, BRAVIA Meeting, enables remote monitoring of multiple displays, power control, and configuration changes. In addition, displaying PC screen shots wirelessly and annotation which enhances in-meeting collaboration.

BRAVIA Signage (WQ-BS1)

BRAVIA Signage simplifies management and distribution of signage content across multiple networked BRAVIA displays. Group displays, schedule content playout and more – everything's included with this highly flexible package.

Simple Media Player 2 (WQF-USMP2) / Free of charge

Simple Media Player 2 is an easy-to-use standalone signage player application, allowing you to display video, photos and HTML5 content directly from a connected USB flash memory.
It's quick and intuitive to set up screens, edit and preview playlists and schedules using the BRAVIA display's remote controller.

FWA-CE100

Full HD USB Camera & Microphone exclusively designed for BRAVIA 4K Professional Displays.

STP-IR Series

Touch overlay kit for 55", 65", 75" BRAVIA 4K Professional Displays.

For full features visit pro.sony/displays

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