# SONY

# **BRAVIA** Professional Displays

2023 Lineup Brochure

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# The four pillars of performance, Unifying our solutions with your business needs

Our new lineup of BRAVIA Professional Displays incorporates all the picture quality, installation flexibility, robust usability and sustainability requirements needed for today's commercial applications.

# **Picture Quality**

In addition to Sony's unique picture processing, wide color gamut, and high-contrast technologies, our new Deep Black Non-Glare Coating technology minimizes glare with impressive image quality.

\*Deep Black Non-Glare Coating in BZ40L Series only





## **Installation Flexibility**

Available in a wide range of sizes and ever-evolving installation flexibility, to fit a variety of spaces.

## **Robust Usability**

Packed with useful functions, purpose-driven applications, and customized settings to make daily operations more efficient.



# **Sustainability**

Making it, moving it, using it more efficiently: improving multiple aspects across the product life cycle, such as reduction of virgin plastic, improvement of transportation efficiency, and review of power consumption during use.

# **Picture Quality**

BLACK LUXURY COLLECTION Non-glare coating Low reflection coating Non-glare coating Low reflection coating

\*BZ40L feature

### **Deep Black Non-Glare Coating**





Non-glare coating

SONY

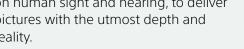
Sony's Deep Black Non-Glare Coating is a big step forward in panel technology, reducing screen reflection without compromising image brightness, contrast, detail and clarity.

The result: bright, attention-grabbing pictures with rich colors and deep blacks that are seen clearly from any angle.

## One chip, incredibly real images

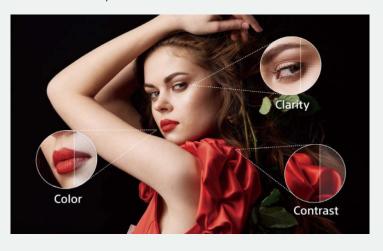
## Cognitive Processor XR™

The Cognitive Processor XR™ chip analyzes and recreates content based on human sight and hearing, to deliver pictures with the utmost depth and reality.





\*In BZ50L Series only



#### 4K HDR Processor X1™

With Object-based HDR remaster and Super Bit Mapping 4K HDR technology, our new 4K HDR Processor X1 reproduces more depth, textures and natural colors than our 4K Processor X1. You'll see pure colors at higher brightness levels for exceptionally realistic pictures.



Improve sales promotions with striking picture quality



Communicate effectively with detailed text and graphics

# **Installation Flexibility**

#### **Installation Flexibility**

In addition to landscape, portrait, and tilt installation, BRAVIA Pro Displays can be used with mobile stands for effective use of space, and ceiling mounted for digital signage.

Special installations such as easel stands, and multi-display installations are also possible.











Ceiling tilt mount

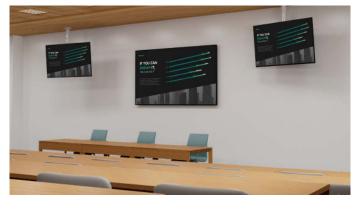
Casing stand

Multiple displays



## Consistent lineup design

The design of the BZ-L series displays is standardized, allowing for uniformity when mixing models. Wiring is also standardized, making installation easier.



#### Consistent platform

The BZ-L Series' SoC and Android OS platform are common across all series, allowing for simple installation.



#### 24/7 Operation

Business never sleeps: BRAVIA is engineered for dependable 24/7 operation in the most challenging corporate and commercial environments.



## Side logo position

The Sony logo is positioned on the top right side of the display bezel, so nothing distracts your audience from immersive images.

# **Robust Usability**

#### **High Performance SoC**

Equipped with a high performance SoC, high-resolution video can be played smoothly and easy to display interactive signage content without the need for a dedicated set-top box, media player or PC.









### **Pro Settings**

When it comes to business, we know there's no such thing as "one size fits all." That's why our BZ-L series comes with our Pro Mode technology as standard — giving you multiple customization options at the touch of a button.



#### **Sony Signage Solution**

On-board BRAVIA Signage Free (BSF) software automatically plays out HTML content, video and photos.



#### **Partner Solutions**

We work closely with top companies to add even more value to our innovative AV products, for networking, device management, automation, digital signage, and more.

#### HTML5



#### 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 without requiring a set-top box or PC.

The content screen can be freely laid out using the 4K video, pictures, or even with a HDMI input.

## Mirroring



#### Wireless screen mirroring

Easily mirror content wirelessly from a handheld device onto BRAVIA with in-built support for Apple AirPlay and Chromecast built-in.

#### IP control



#### Remote control for multiple display

BRAVIA Pro Displays offer IP control with many display features like switching input sources via IP. Both HTML5 and Android apps running on the display can send IP control commands to the display and can be run from external IP-enabled devices.

# **Sustainability**

## Making it, moving it, and using it more efficiently: Advanced engineering for sustainability

To reduce environmental impact, we are focused on multiple aspects across the product life cycle, such as reduction of virgin plastic, improvement of transportation efficiency, and more efficient power consumption.









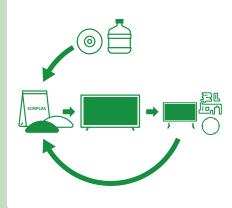
## STEP 1 Making it

# Towards closed loop with repeated recyclability

One advantage of  $SORPLAS^{TM}$  is that it won't degrade too much even after being recycled several times.

Recycled SORPLAS™ parts have the potential to reduce the volume of waste and contribute toward a recycle-oriented society.

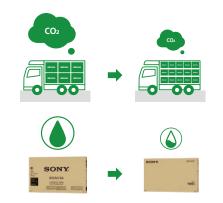
\* All BZ-L series include Sony's SORPLUS recycled plastic



## STEP 2 Moving it

# Cutting CO2 with smaller and lighter Packing

By reengineering the packaging that protects the product during shipping, we cut the package size by 15% and total weight by 10%. This increases the number of units on one pallet by approximately 1.3 times. As a result, CO2 emissions per unit from product transportation have been reduced by apporoximately 15%.



### STEP 3 Using it

# All your energy-saving settings in one place

With the flexible and configurable Eco Dashboard, energy saving settings can now be centrally managed.

You can easily customize energy saving settings for your usage, viewing environment, and the content you are watching, all in one place, and visualize the contribution you are making to reduce environmental impact.





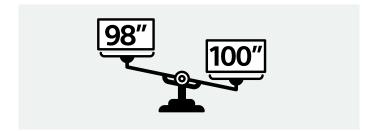
#### Spectacular 780 nit brightness

Brighter is better. In busy retail showrooms or corporate lobbies, 98" BRAVIA shines with an extraordinary 780 nit screen brightness that can't be missed, even in light-flooded spaces. Full Array Local Dimming boosts peak brightness further still to an eye-popping 1500 nits.



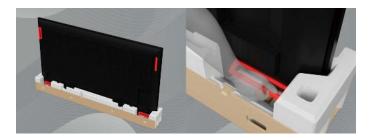
#### Lighten the load

The 98" BRAVIA BZ50L weighs around 21kg (46lbs) less than the previous 100" 100BZ40J model, lightening the load on installation teams.



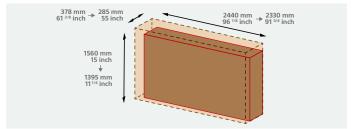
#### Safer carrying

Ergonomically positioned lower horizontal handles are easy to grab, making lifting easier and more comfortable.



#### **Easier access**

Reduced carton size eases transportation. The ability to carry BRAVIA vertically (portrait style) gives easier access in elevators and stairways.



# X/R

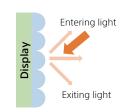
#### **Cognitive Processor XR™**

The world's first picture processor with cognitive intelligence understands how humans really see the world. The 98" BRAVIA with Cognitive Processor  $XR^{\text{IM}}$  opens up an unprecedented viewing experience that immerses you even more deeply in the scene.



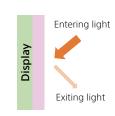
#### **Deep Black Non-Glare Coating**

Deep Black Non-Glare Coating combines innovative technologies – delivering an unprecedented reduction in both screen glare and reflection that doesn't compromise picture quality.



#### Anti-Glare

A microscopic unevenness is added to the surface of the display panel. Incident light is diffusely reflected in all directions, becoming a whitish blur that's less noticeable to viewers than sharply reflected light.



#### Low Reflection

A special coating is added to the surface of the panel. Incident light rays bounce off the surface of the clear layer, as well as the panel surface beneath. Interference between the reflected rays causes cancellation, reducing reflections seen by viewers

Sony's Deep Black Non-Glare Coating combines anti-glare and low-reflection technologies. Reducing reflections and boosting contrast, it's the key to dynamic visuals bursting with true-to-life color and detail that inspire everyone, from corporate visitors and staff to shoppers and students.

#### **Exquisite images that always stand out**

Available in screen sizes from 55" to 85", the BRAVIA BZ40L Series grabs your audience's attention with extremely high 700 nit screen brightness for punchy, high-impact visuals that are always seen clearly.

Advanced Sony picture processing technologies ensure your content looks its very best. The panel's extra wide viewing angle lets everyone in the room enjoy clear, bright images, wherever they're positioned.



#### Styled to blend with every environment

- BRAVIA Pro Displays come supplied with a Wall-Mount Adjuster, giving extra flexibility for mounting the display centrally in portrait or landscape orientation.
- The Sony logo is discreetly positioned on the edge of the display's beautifully slim bezel with nothing distracting your audience from immersive images.
- Install BRAVIA in portrait or landscape orientation to suit any corporate or retail space. The display can also be tilted at an angle for even greater flexibility.























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#### Vibrant, true-to-life images that can't be missed

BRAVIA BZ35L Series grabs your audience's attention with high 550 nit screen brightness for punchy, high-impact visuals that are always seen clearly.

Advanced Sony picture processing technologies ensure your content looks its very best. The panel's extra-wide viewing angle ensures that everyone in the room can enjoy clear, bright images wherever they're positioned.



#### Large 32GB internal storage

The internal memory on some other displays is eaten up by the operating system, leaving little space for your own apps and content. BRAVIA BZ35L doubles internal storage from 16GB to a generous 32GB – giving loads more room on board to hold apps, photos, videos and digital signage.



#### Styled to blend with every environment

- BRAVIA Pro Displays come supplied with a Wall-Mount Adjuster, giving extra flexibility for mounting the display centrally in portrait or landscape orientation.
- The Sony logo is discreetly positioned on the edge of the display's beautifully slim bezel – with nothing distracting your audience from immersive images.
- Install BRAVIA in portrait or landscape orientation to suit any corporate or retail space. The display can also be tilted at an angle for even greater flexibility.







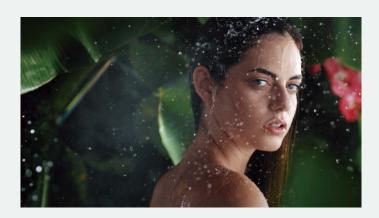






# Latest Sony picture technologies to impress every audience

The BRAVIA BZ30L Series offers a generous 440 nit screen brightness. Advanced Sony picture processing technologies ensure your content looks its very best. The panel's extra-wide viewing angle ensures that everyone in the room can enjoy clear, bright images wherever they're positioned.



# Extensive Lineup 32" to 98"

The BZ30 Series offers a range of sizes from 32"to 98"making them ideal for large projects requiring multiple sized displays that deliver the same picture quality, brightness and contrast.

\*32"is BZ30J model

## Styled to blend with every environment

- BRAVIA Pro Displays come supplied with a Wall-Mount Adjuster, giving extra flexibility for mounting the display centrally in portrait or landscape orientation.
- The Sony logo is discreetly positioned on the edge of the display's beautifully slim bezel – with nothing distracting your audience from immersive images.
- Install BRAVIA in portrait or landscape orientation to suit any corporate or retail space. The display can also be tilted at an angle for even greater flexibility.









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#### 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 without requiring a set-top box or PC. The content screen can be freely laid out using the 4K video, pictures, or even with a HDMI input.





#### Wireless screen mirroring

Easily mirror content wirelessly from handheld device onto BRAVIA with in-built support for Apple AirPlay and Chromecast built-in.

# **BZ50L/BZ40L-series Specifications**Flagship / High Brightness-Non Glare

		FW-98BZ50L	FW-85BZ40L	FW-75BZ40L	FW-65BZ40L	FW-55BZ40L			
	Screen Size	98	85	75	65	55			
General features	Brightness (cd/m²)	780	650		700				
	Contrast Ratio	5000:1	6000:1		1200:1				
	Dynamic Contrast Ratio	700,000:1	500,000:1		600,000:1				
	Response Time (ms)								
	Display resolution (H x V, pixels)	6.5 15.9 8.0							
		3840 x 2160							
	HDR (High Dynamic Range) compatibility	Yes (HDR10,HLG,Dolby Vision)							
	Aspect Ratio	16:9							
	Portrait/Tilt Compatibility			Yes					
	Dimming type	Local Dimming Frame Dimming							
	Display Device	LCD							
	Panel Type	VA IPS							
	Backlight type	Direct (Full Array LED)							
	TRILUMINOS Display	XR Triluminos Pro							
Display features	Color gamut (DCI-P3)	95% 92%							
	Picture Processor	Cognitive Processor XR 4K HDR Processor X1							
	Operation time	24/7							
	Deep Black Non-Glare coating	No		Ye	2S				
	Haze (%)	2%	58%		47%				
	Viewing Angle (Right/Left)		178 (89/89) degree						
İ	Viewing Angle (Up/Down)		178 (89/89) degree						
	Video Processing	XR 4K Upscaling 4K X-Reality PRO							
	Motion enhancer	XR Motion Clarity		Motionflow XR 2					
Video Specs	HDMI Signal	4096x2160p (24,60Hz), 3840 x 2160p (24, 30, 60, 120Hz), 1080p (24, 30, 60, 120Hz),	4096x2160p (24,60Hz), 340 x 2160p (24, 30, 60, 120Hz),						
	-	1080i (60Hz), 720p (24, 30, 60Hz), 480p	4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (24,30,60Hz), 1080i (60Hz), 720p (24, 30, 60Hz), 480p						
Audio Specs	Speaker Position	Down Firing + Side Back		Down					
, tadio spees	Audio Power Output	10W + 10W + 10W + 10W		10W -	+10W				
	Pro mode			Yes					
	HDMI auto wake-up			Yes					
Professional	HTML5 platform			Yes					
features	Multicast/IPTV			Yes					
	Operating System			Android TV					
	On-board Storage (GB)			32GB					
	Wi-Fi Direct			Yes					
Network Specs	Wi-Fi Certified			Yes					
	Wireless LAN			Integrated					
	USB playback codecs	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)/LPCM/WAV/MP4AAC/FLAC/JPEG							
	On Screen Clock			Yes					
Convenience	Sleep Timer			Yes					
features	On/Off Timer			Yes					
	Chromecast built-in			Yes					
	Apple AirPlay								
	IP Control	Yes							
Control Specs		Yes							
Control Specs	RS-232C Control HDMI-CEC	Yes							
				Yes					
	HDCP	HDCP2.3 (for HDM1/2/3/4)							
	Composite Video Input (s)	Hybrid w/S-Center Speaker Input x1 (Side, Mini jack) 1 (Side, Mini jack)							
	HDMI inputs total	Input x1 (Side, Mini jack) 4 (4Side)							
Inputs and outputs	Analog Audio Input (s) (Total)	4 (4Side) 1 (Side Analog Conversion)							
	Digital Audio Output (s)			1 (Side)					
	USB ports	1 (Side) 2 (Side)							
	Ethernet inputs			1 (Side)					
Design features	VESA® Hole Pitch (W x H)	600 x 400 mm / 23 <sup>5/8</sup> x 15 <sup>3/4</sup> inch	400 x 400 mm / 15 <sup>3/4</sup> x 15 <sup>3/4</sup> inch	1	00 x 300 mm / 11 <sup>7/8</sup> x 11 <sup>7/8</sup> inc	h			
	Wall-mount adjuster (Bundled) *depending on the region.	No No	25 X 15 IIICII I5 X 15 IIICII						
Accessories	Table-top stand (Optional)		No		Yes	V			
	*depending on the region.					Yes			
		505 W	373 W	299 W	229 W	201 W			
Environment	*depending on the region.	505 W		299 W 0.5 W					
Environment Specs	*depending on the region.  Rated Power Consumption	505 W							
	*depending on the region.  Rated Power Consumption  Power Consumption (in Standby)	505 W		0.5 W					
	*depending on the region.  Rated Power Consumption  Power Consumption (in Standby)  Dynamic Backlight Control	505 W 2199 x 1255 x 85 mm / 86 <sup>3/8</sup> x 49 <sup>1/2</sup> x 3 <sup>3/8</sup> inch		0.5 W Yes					
	*depending on the region.  Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode	2199 x 1255 x 85 mm /	373 W 1899 x 1089 x 71 mm /	0.5 W Yes Yes 1686 x 969 x 72 mm /	229 W 1462 x 842 x 71 mm /	201 W			
Specs	*depending on the region.  Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand (W x H x D) Dimension of TV with Stand (W x H x D)	2199 x 1255 x 85 mm / 86 <sup>5/8</sup> x 49 <sup>1/2</sup> x 3 <sup>3/8</sup> inch 2330 x 1394 x 283 mm /	373 W 1899 x 1089 x 71 mm / 74 <sup>7/8</sup> x 42 <sup>7/8</sup> x 2 <sup>7/8</sup> inch - 2036 x 1239 x 258 mm / 80	0.5 W Yes Yes 1686 x 969 x 72 mm / 66 V2 x 38 V4 x 2 V78 inch	229 W 1462 x 842 x 71 mm / 57 <sup>578</sup> x 33 <sup>1/4</sup> x 2 <sup>778</sup> inch 1462 x 912 x 338 mm / 57 <sup>578</sup> x 36 x 13 <sup>379</sup> inch 1588 x 965 x 184 mm /	201 W  1243 x 721 x 71 mm / 49 x 28 1/2 x 2 7/8 inch  1243 x 787 x 338 mm / 49 x 31 x 13 3/8 inch  1362 x 840 x 160 mm /			
Specs	*depending on the region.  Rated Power Consumption  Power Consumption (in Standby)  Dynamic Backlight Control  Power Saving Mode / Back Light Off Mode  Dimension of TV without Stand (W x H x D)	2199 x 1255 x 85 mm / 86 <sup>3/8</sup> x 49 <sup>1/2</sup> x 3 <sup>3/8</sup> inch	373 W 1899 x 1089 x 71 mm / 74 <sup>7/8</sup> x 42 <sup>7/8</sup> x 2 <sup>7/8</sup> inch	0.5 W Yes Yes 1686 x 969 x 72 mm / 66 <sup>1/2</sup> x 38 <sup>1/4</sup> x 2 <sup>7/8</sup> inch	229 W 1462 x 842 x 71 mm / 57 <sup>5/8</sup> x 33 <sup>1/4</sup> x 2 <sup>7/8</sup> inch 1462 x 912 x 338 mm / 57 <sup>5/8</sup> x 36 x 13 <sup>3/8</sup> inch	201 W 1243 x 721 x 71 mm / 49 x 28 <sup>1/2</sup> x 2 <sup>7/8</sup> inch 1243 x 787 x 338 mm / 49 x 31 x 13 <sup>3/8</sup> inch			
Specs  Measurements	*depending on the region.  Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand (W x H x D) Dimension of TV with Stand (W x H x D)	2199 x 1255 x 85 mm / 86 <sup>5/8</sup> x 49 <sup>1/2</sup> x 3 <sup>3/8</sup> inch 2330 x 1394 x 283 mm /	373 W 1899 x 1089 x 71 mm / 74 <sup>7/8</sup> x 42 <sup>7/8</sup> x 2 <sup>7/8</sup> inch - 2036 x 1239 x 258 mm / 80	0.5 W Yes Yes 1686 x 969 x 72 mm / 66 V2 x 38 V4 x 2 V78 inch	229 W 1462 x 842 x 71 mm / 57 <sup>578</sup> x 33 <sup>1/4</sup> x 2 <sup>778</sup> inch 1462 x 912 x 338 mm / 57 <sup>578</sup> x 36 x 13 <sup>379</sup> inch 1588 x 965 x 184 mm /	201 W  1243 x 721 x 71 mm / 49 x 28 ½ z 2 ½ inch  1243 x 787 x 338 mm / 49 x 31 x 13 ¾ inch  1362 x 840 x 160 mm /			
Specs	*depending on the region.  Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand (W x H x D) Dimension of TV with Stand (W x H x D) Dimension of Package Carton (W x H x D)	2199 x 1255 x 85 mm / 86 <sup>5/8</sup> x 49 <sup>1/2</sup> x 3 <sup>3/8</sup> inch 2330 x 1394 x 283 mm / 91 <sup>3/4</sup> x 55 x 11 <sup>1/4</sup> inch	373 W  1899 x 1089 x 71 mm / 74 <sup>778</sup> x 42 <sup>778</sup> x 2 <sup>778</sup> inch  -  2036 x 1239 x 258 mm / 80 1/4 x 48 <sup>778</sup> x 10 <sup>174</sup> inch	0.5 W Yes Yes 1686 x 969 x 72 mm / 66 <sup>1/2</sup> x 38 <sup>1/4</sup> x 2 <sup>7/8</sup> inch	229 W  1462 x 842 x 71 mm / 57568 x 33 1/4 x 2778 inch  1462 x 912 x 338 mm / 57578 x 36 x 13 378 inch  1588 x 965 x 184 mm / 62 578 x 38 x 7 1/4 inch	201 W  1243 x 721 x 71 mm / 49 x 28 1/2 x 2 7/8 inch  1243 x 787 x 338 mm / 49 x 31 x 13 3/8 inch  1362 x 840 x 160 mm / 53 5/8 x 33 1/8 x 6 3/8 inch			

# BZ35L-series Specifications

Enhanced

		FW-85BZ35L	FW-75BZ35L	FW-65BZ35L	FW-55BZ35L			
	Screen Size	85	75	65	55			
	Brightness (cd/m²)		55					
	Contrast Ratio	6000:1 1200:1						
	Dynamic Contrast Ratio	400,000:1						
General features	Response Time (ms)	15.9		8.0				
	Display resolution (H x V, pixels)	3840 x 2160						
	HDR (High Dynamic Range) compatiblity  Aspect Ratio	Yes (HDR10,HLG,Dolby Vision) 16:9						
	Portrait/Tilt Compatibility	Yes						
	Dimming type	Frame Dimming						
	Display Device	LCD						
	Panel Type	VA IPS						
Display features	Backlight type	Direct LED THUMBURG PRO						
	TRILUMINOS Display	TRILUMINOS PRO						
	Color gamut (DCI-P3) Picture Processor	92% 4K HDR Processor X1						
	Operation time	4K HDR Processor X1  24/7						
	Deep Black Non-Glare coating	24// No						
	Haze (%)	2% 1%						
	Viewing Angle (Right/Left)	178 (89/89) degree						
	Viewing Angle (Up/Down)	178 (89/89) degree						
	Video Processing		4K X-Rea	· · · · · · · · · · · · · · · · · · ·				
Video Specs	Motion enhancer	Motionflow XR 240 (Native 60Hz) 4096x2160p (24,60Hz), 3840x2160p (24,30,60Hz), 1080p (24,30,60Hz), 1080i (60Hz), 720p (24,30,60Hz), 480p						
	HDMI Signal Speaker Position	4096x2160p (24	,60Hz), 3840x2160p (24,30,60Hz), 1080 Down		4,30,60Hz), 480p			
Audio Specs	Audio Power Output			-				
	Pro mode	10W + 10W Yes						
	HDMI auto wake-up	Yes						
Professional	HTML5 platform		Ye	es .				
features	Multicast/IPTV	Yes						
	Operating System		Andro					
	On-board Storage (GB)		320					
Network Specs	Wi-Fi Direct Wi-Fi Certified		Ye Ye					
Network spees	Wireless LAN		Integr					
	USB playback codecs	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)/LPCM/WAV/MP4AAC/FLAC/JPEG						
	On Screen Clock		Ye	es es				
Convenience features	Sleep Timer		Ye					
	On/Off Timer Chromecast built-in		Ye					
	Apple AirPlay		Ye Ye					
	IP Control		Ye					
Control Specs	RS-232C Control		Ye					
	HDMI-CEC		Ye	25				
	HDCP	HDCP2.3(for HDMI1/2/3/4)						
	Composite Video Input (s)	1 (Side, Mini jack)						
Inputs and	HDMI inputs total	4 (4Side)						
outputs	Analog Audio Input (s) (Total)  Digital Audio Output (s)	1(Side Analog Conversion)						
	USB ports	1 (Side)						
	Ethernet inputs	2 (Side) 1 (Side)						
Design features	VESA® Hole Pitch (W x H)	400 x 400 mm / 15 <sup>3/4</sup> x 15 <sup>3/4</sup> inch	,	300 x 300 mm / 11 <sup>7/8</sup> x 11 <sup>7/8</sup> inch				
Accessories	Wall-mount adjuster (Bundled) *depending on the region.	Yes						
	Table-top stand (Optional) *depending on the region.	No		Yes				
Environme-+	Rated Power Consumption  Power Consumption (in Standby)	323 W 235 W 218 W 169 W						
Environment Specs	Dynamic Backlight Control	0.5 W Yes						
	Power Saving Mode / Back Light Off Mode		Y€					
	Dimension of TV without Stand (W x H x D)	1899 x 1089 x 71 mm / 74 <sup>7/8</sup> x 42 <sup>7/8</sup> x 2 <sup>7/8</sup> inch	1686 x 969 x 72 mm / 66 <sup>1/2</sup> x 38 <sup>1/4</sup> x 2 <sup>7/8</sup> inch	1462 x 842 x 71 mm / 57 <sup>5/8</sup> x 33 <sup>1/4</sup> x 2 <sup>7/8</sup> inch	1243 x 721 x 71 mm / 49 x 28 <sup>1/2</sup> x 2 <sup>7/8</sup> inch			
Measurements	Dimension of TV with Stand (W x H x D)	-	-	1462 x 912 x 338 mm / 57 <sup>5/8</sup> x 36 x 13 <sup>3/8</sup> inch	1243 x 787 x 338 mm / 49 x 31 x 13 <sup>3/8</sup> inch			
	Dimension of Package Carton (W x H x D)	2036 x 1239 x 258 mm / 80 1/4 x 48 7/8 x 10 1/4 inch	1824 x 1114 x 187 mm / 71 <sup>7/8</sup> x 43 <sup>7/8</sup> x 7 <sup>3/8</sup> inch	1588 x 965 x 184 mm / 62 <sup>5/8</sup> x 38 x 7 <sup>1/4</sup> inch	1362 x 840 x 160 mm / 53 <sup>5/8</sup> x 33 <sup>1/8</sup> x 6 <sup>3/8</sup> inch			
Weight	Weight of TV without Stand Weight of TV with Stand	44.5 kg / 98.1 lb	31.5 kg / 69.4 lb	21.2 kg / 46.7 lb 22.1 kg / 48.7 lb	15.7 kg / 34.6 lb 16.6 kg / 36.6 lb			
cigiit	Weight of Package Carton (Gross)	- 62 kg / 136.6lb.	- 43 kg / 94.8lb.	30 kg / 66.1lb.	23 kg / 50.7lb.			
	weight of Fackage Carton (Gross)	02 Kg / 130.0ID.	1 45 Kg / 94.8ID.	SU Kg / DO.IID.	∠3 Kg / 5U./ID.			

# BZ30L-series Specifications Complete

		FW-98BZ30L	FW-85BZ30L	FW-75BZ30L	FW-65BZ30L	FW-55BZ30L	FW-50BZ30L	FW-43BZ30L					
	Screen Size	98	85	75	65	55	50	43					
	Brightness (cd/m²)		440										
General features	Contrast Ratio	5000:1	6000:1 1200:1 5000:1 1200:1										
	Dynamic Contrast Ratio	700,000:1	45.0		300,000:1			400,000:1					
	Response Time (ms)	6.5	15.9		8.0		9.5	8.0					
	Display resolution (H x V, pixels) HDR (High Dynamic Range)				3840 x 2160								
	compatiblity			Yes	(HDR10,HLG,Dolby Visi	on)							
	Aspect Ratio				16:9								
	Portrait/Tilt Compatibility				Yes								
	Dimming type	Local Dimming			Frame D	imming							
F	Display Device	LCD											
F	Panel Type	+	VA										
-	Backlight type TRILUMINOS Display	Direct (Full Array LED)  XR Triluminos Pro	Direct LED  TRILLIMINOS PRO										
Display features	Color gamut (DCI-P3)	95%											
	Picture Processor	Cognitive Processor XR			4K HDR Pr								
	Operation time				24/7								
	Deep Black Non-Glare coating				No								
[	Haze (%)	2	%			1%							
	Viewing Angle (Right/Left)				178 (89/89) degree								
	Viewing Angle (Up/Down)				178 (89/89) degree								
	Video Processing		XR 4K Upscaling 4K X-Reality PRO										
	Motion enhancer	XR Motion Clarity			Motionflow XR 2	40 (Native 60Hz)							
Video Specs	HDMI Signal	4096 x 2160 p (24,60 Hz), 3840 x 2160 p (24,30,60,120 Hz), 1080 p (24,30,60,120 Hz), 1080 i (60 Hz), 720 p (24,30,60 Hz), 480 p	oluz), dz), (0Hz), 4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (24, 30,60Hz), 1080i (60Hz), 720p (24,30,60Hz), 480p										
Audio Cooss	Speaker Position	Down Firing + Side Back			Down	Firing							
Audio Specs	Audio Power Output	10W + 10W + 10W + 10W			10W -	+ 10W							
	Pro mode				Yes								
	HDMI auto wake-up				Yes								
Professional	HTML5 platform				Yes								
features	Multicast/IPTV				Yes								
	Operating System	2260			Android TV	C.D.							
	On-board Storage (GB) Wi-Fi Direct	32GB			Yes	JB							
-	Wi-Fi Certified				Yes								
·	Wireless LAN				Integrated								
	USB playback codecs	MPEG1:MPEG MOV:AVC,MPEG	I/MPEG2PS:MPEG2/MP 64,MotionJpeg/MKV:Xv	EG2TS (HDV,AVCHD):M id,AVC,MPEG4,VP8.HEV	PEG2,AVC/MP4 (XAVC /C/WEBM:VP8/3GPP:M	S):AVC,MPEG4,HEVC/A PEG4,AVC/MP3/ASF (W	VI:Xvid,MotionJpeg/AS /MA)/LPCM/WAV/MP4/	f (WMV):VC1/ AAC/FLAC/JPEG					
	On Screen Clock				Yes								
features E	Sleep Timer				Yes								
	On/Off Timer						Yes						
	Chromecast built-in				Yes								
	Apple AirPlay  IP Control												
					Yes Yes								
Control Specs	RS-232C Control				Yes Yes Yes								
Control Specs				н	Yes Yes Yes Yes	4)							
Control Specs	RS-232C Control HDMI-CEC	Hybrid w/S-Center		н	Yes Yes Yes Yes DCP2.3 (for HDMI1/2/3/								
Control Specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s)	Hybrid w/S-Center Speaker Input x 1 (Side, Mini jack)		н	Yes Yes Yes Yes Yes OCP2.3 (for HDMI1/2/3/								
Control Specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total	Speaker Input x 1			Yes Yes Yes Yes Yes OCP2.3 (for HDMI1/2/3/ 1 (Side, N	fini jack)							
Control Specs Inputs and outputs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total)	Speaker Input x 1			Yes Yes Yes Yes Yes OCP2.3 (for HDM11/2/3/ 1 (Side, N 4 (4Side) (Side Analog Conversion	fini jack)							
Control Specs  Inputs and outputs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s)	Speaker Input x 1			Yes Yes Yes Yes OCP2.3 (for HDM11/2/3/ 1 (Side, N 4 (4Side) (Side Analog Conversion 1 (Side)	fini jack)							
Control Specs Inputs and outputs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports	Speaker Input x 1			Yes Yes Yes Yes Yes OCP2.3 (for HDM11/2/3/ 1 (Side, N 4 (4Side) (Side Analog Conversion 1 (Side) 2 (Side)	fini jack)							
Inputs and outputs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s)	Speaker Input x 1	400 x 400 mm / 15 <sup>34</sup> x 15 <sup>34</sup> inch	1(	Yes Yes Yes Yes OCP2.3 (for HDM11/2/3/ 1 (Side, N 4 (4Side) (Side Analog Conversion 1 (Side)	n)	200 x 200 mm	/ 7 <sup>1/8</sup> x 7 <sup>1/8</sup> inch					
Inputs and outputs  Design features	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region.	Speaker Input x 1 (Side, Mini jack)		1(	Yes Yes Yes Yes OCP2.3 (for HDMI1/2/3/ 1 (Side, N 4 (4Side) (Side Analog Conversion 1 (Side) 2 (Side) 1 (Side)	n)	200 x 200 mm	/ 7 <sup>7/8</sup> x 7 <sup>7/8</sup> inch					
Inputs and outputs  Design features	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional)	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 3/8 x 15 3/4 inch		1(	Yes Yes Yes Yes Yes OCP2.3 (for HDMI1/2/3/ 1 (Side, M 4 (4Side) (Side Analog Conversion 1 (Side) 2 (Side) 1 (Side) x 300 mm / 11 <sup>17/8</sup> x 11 <sup>17/8</sup>	n)		/ 7 <sup>7/8</sup> x 7 <sup>7/8</sup> inch					
Inputs and outputs  Design features  Accessories	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region.	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 378 x 15 34 inch	15 <sup>3,4</sup> x 15 <sup>3,4</sup> inch	300	Yes Yes Yes Yes Yes OCP2.3 (for HDM11/2/3/ 1 (Side, M 4 (4Side) (Side Analog Conversion 1 (Side) 2 (Side) 1 (Side) x 300 mm / 11 7/8 x 11 7/8	n) inch	25						
Inputs and outputs  Design features  Accessories	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 3/8 x 15 3/4 inch	15 <sup>3/4</sup> x 15 <sup>3/4</sup> inch	1(	Yes Yes Yes Yes Yes OCP2.3 (for HDMI1/2/3/ 1 (Side, M 4 (4Side) (Side Analog Conversion 1 (Side) 2 (Side) 1 (Side) x 300 mm / 11 <sup>17/8</sup> x 11 <sup>17/8</sup>	n) inch		/ 7 <sup>1/8</sup> x 7 <sup>1/8</sup> inch					
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 378 x 15 34 inch	15 <sup>3,4</sup> x 15 <sup>3,4</sup> inch	300	Yes	n) inch	25						
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby)	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 378 x 15 34 inch	15 <sup>3,4</sup> x 15 <sup>3,4</sup> inch	300	Yes Yes Yes Yes Yes Yes Yes OCP2.3 (for HDMI1/2/3/ 1 (Side, M 4 (4Side) (Side Analog Conversion 1 (Side) 2 (Side) 1 (Side) x 300 mm / 11 778 x 117/8 Ye  230 W 0.5 W	n) inch	25						
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 378 x 15 34 inch	15 <sup>3/4</sup> x 15 <sup>3/4</sup> inch  No  248 W  1899 x 1089 x 71 mm /	300	Yes	n) inch	25	103 W					
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 <sup>5/8</sup> x 15 <sup>3/4</sup> inch  No  328 W	15 <sup>3/4</sup> x 15 <sup>3/4</sup> inch  No  248 W  1899 x 1089 x 71 mm /	300 306 W 1686 x 969 x 72 mm /	Yes	Afini jack)  inch 25  202 W	2s 140 W 1126 x 653 x 70 mm /	103 W  972 x 567 x 70 mm / 38 <sup>3/8</sup> x 22 <sup>3/8</sup> inch  972 x 632 x 286 mm					
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand (W x H x D) Dimension of TV with Stand (W x H x D) Dimension of Package Carton	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 378 x 15 374 inch  No  328 W  2199 x 1255 x 85 mm / 86 378 x 49 172 x 3 378 inch	No 248 W  1899 × 1089 × 71 mm / 74 778 × 42 778 x 2 778 inch  - 2036 × 1239 × 258 mm /	306 W 306 W 1686 x 969 x 72 mm / 66 <sup>1/2</sup> x 38 <sup>1/4</sup> x 2 <sup>1/8</sup> inch	Yes Yes Yes Yes Yes Yes Yes  Tollow A (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	1243 x 721 x 71 mm / 49 x 28 <sup>1/2</sup> x 2 <sup>1/8</sup> inch 1243 x 787 x 3 <sup>1/8</sup> mm / 49 x 31 x 13 <sup>1/9</sup> inch 1362 x 840 x 160 mm /	140 W 1126 x 653 x 70 mm / 44 <sup>3/8</sup> x 25 <sup>3/4</sup> x 2 <sup>7/8</sup> inch 1126 x 718 x 28 <sup>3/8</sup> x 11 <sup>3/8</sup> inch 1240 x 782 x 141 mm /	103 W  972 x 567 x 70 mm / 38 <sup>3/8</sup> x 22 <sup>3/8</sup> inch  972 x 632 x 286 mm 38 <sup>3/8</sup> x 25 x 11 <sup>3/8</sup> inch  1070 x 695 x 141 mm /					
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand (W x H x D) Dimension of FV with Stand (W x H x D) Dimension of Package Carton (W x H x D)	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 x 8 x 15 x 4 inch  No  328 W  2199 x 1255 x 85 mm / 86 x 8 x 49 1 x 3 x 8 inch  2330 x 1394 x 283 mm / 91 x 5 x 11 1 4 inch	15 <sup>3/4</sup> x 15 <sup>3/4</sup> inch  No  248 W  1899 x 1089 x 71 mm / 74 <sup>3/8</sup> x 42 <sup>3/8</sup> x 2 <sup>3/8</sup> inch  -  2036 x 1239 x 258 mm / 80 <sup>3/4</sup> x 48 <sup>3/8</sup> x 10 <sup>3/4</sup> inch	306 W 1686 x 969 x 72 mm / 66 <sup>1/2</sup> x 38 <sup>1/4</sup> x 2 <sup>1/8</sup> inch 1824 x 1114 x 187 mm / 71 <sup>1/8</sup> x 43 <sup>1/8</sup> x 7 <sup>3/8</sup> inch	Yes Yes Yes Yes Yes Yes Yes Yes  This properties of the state of the s	1/4 x 721 x 71 mm / 202 W 1243 x 721 x 71 mm / 49 x 28 1/2 x 2 1/18 inch 49 x 31 x 13 x 3 inch 1362 x 840 x 160 mm / 53 x 840 x 160 mm / 53 x 840 x 160 mm / 53 x 840 x 160 mm /	1126 x 653 x 70 mm / 44 <sup>3/8</sup> x 25 <sup>3/4</sup> x 2 <sup>7/8</sup> inch 1126 x 718 x 286 mm / 44 3/8 x 28 <sup>3/8</sup> x 11 <sup>3/8</sup> inch 1240 x 782 x 141 mm / 48 <sup>7/8</sup> x 30 <sup>7/8</sup> x 5 <sup>5/8</sup> inch	103 W  972 x 567 x 70 mm / 38 <sup>3/8</sup> x 22 <sup>3/8</sup> x 2 <sup>1/8</sup> inch  972 x 632 x 286 mm 38 <sup>3/8</sup> x 25 x 11 <sup>3/8</sup> inch  1070 x 695 x 141 mm / 42 <sup>1/4</sup> x 27 <sup>3/8</sup> x 5 <sup>5/8</sup> inch					
Inputs and outputs  Design features  Accessories  Environment specs	RS-232C Control HDMI-CEC HDCP Composite Video Input (s) HDMI inputs total Analog Audio Input (s) (Total) Digital Audio Output (s) USB ports Ethernet inputs VESA® Hole Pitch (W x H) Wall-mount adjuster (Bundled) *depending on the region. Table-top stand (Optional) *depending on the region. Rated Power Consumption Power Consumption (in Standby) Dynamic Backlight Control Power Saving Mode / Back Light Off Mode Dimension of TV without Stand (W x H x D) Dimension of TV with Stand (W x H x D) Dimension of Package Carton	Speaker Input x 1 (Side, Mini jack)  600 x 400 mm / 23 378 x 15 374 inch  No  328 W  2199 x 1255 x 85 mm / 86 378 x 49 172 x 3 378 inch	No 248 W  1899 × 1089 × 71 mm / 74 778 × 42 778 x 2 778 inch  - 2036 × 1239 × 258 mm /	306 W 306 W 1686 x 969 x 72 mm / 66 <sup>1/2</sup> x 38 <sup>1/4</sup> x 2 <sup>1/8</sup> inch	Yes Yes Yes Yes Yes Yes Yes  Tollow A (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	1243 x 721 x 71 mm / 49 x 28 <sup>1/2</sup> x 2 <sup>1/8</sup> inch 1243 x 787 x 3 <sup>1/8</sup> mm / 49 x 31 x 13 <sup>1/9</sup> inch 1362 x 840 x 160 mm /	140 W 1126 x 653 x 70 mm / 44 <sup>3/8</sup> x 25 <sup>3/4</sup> x 2 <sup>7/8</sup> inch 1126 x 718 x 28 <sup>3/8</sup> x 11 <sup>3/8</sup> inch 1240 x 782 x 141 mm /						

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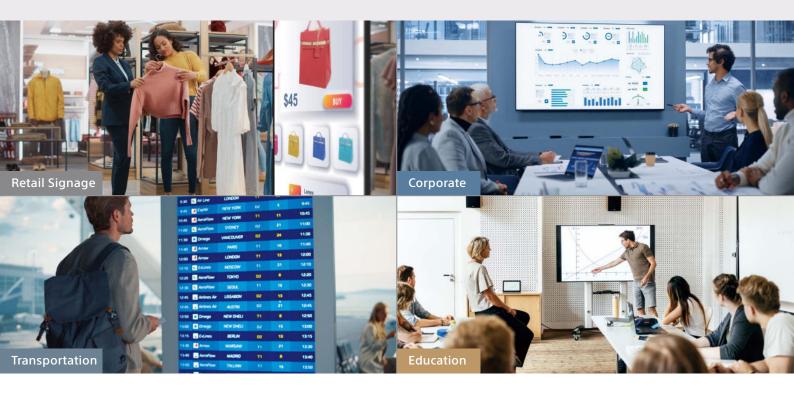


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