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Samsung Display Solutions

For more information about Samsung display solutions, visit www.samsung.com/business or www.samsung.com/displaysolutions

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Quick Reference Guide

Samsung Display Solutions



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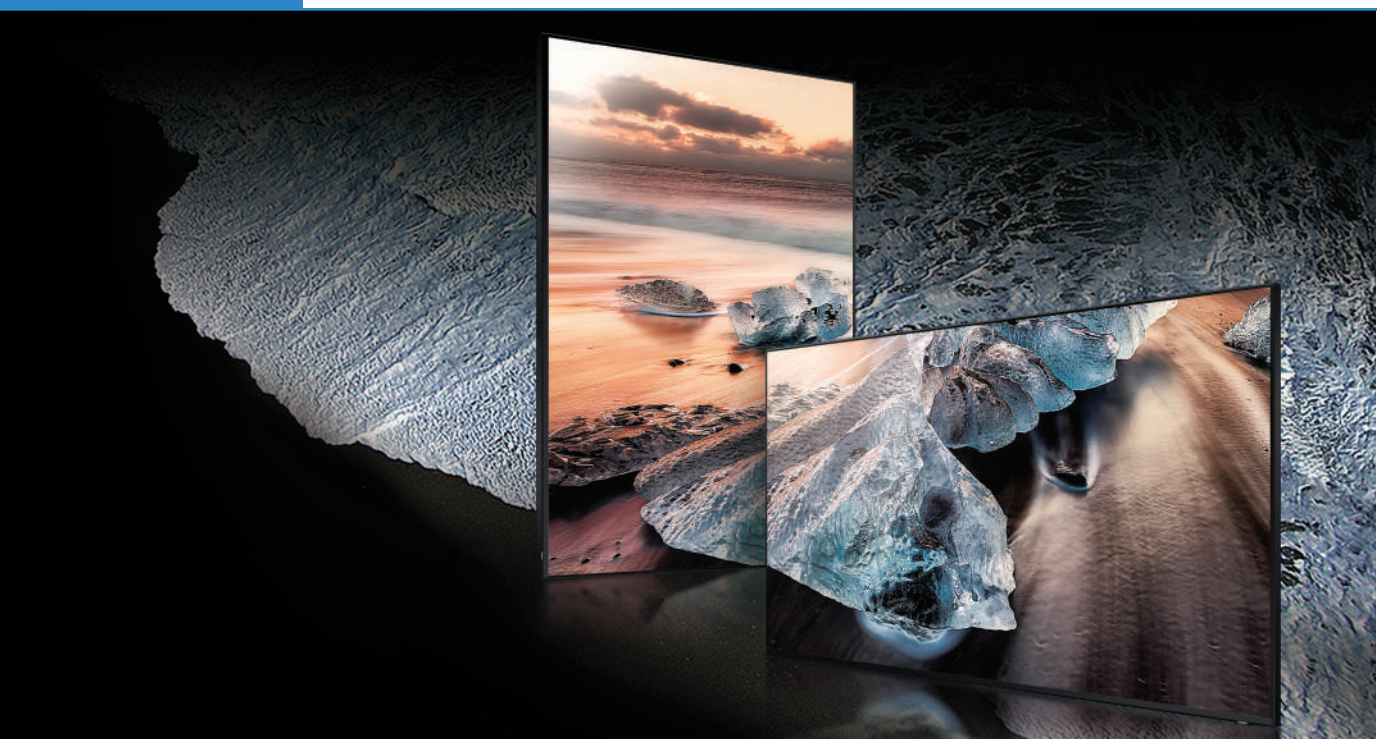
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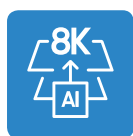


Features



Real 8K resolution

With more than 33 million pixels, QLED 8K provides exceptional depth and detail.



8K AI upscaling*

Intelligently upscale any content from a lower resolution thanks to a powerful Quantum Processor 8K.



Color volume 100%**

Ensure rich and true-to-life images, meaning viewers will experience the purest color accuracy to-date.



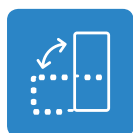
Quantum HDR 32x

Offer dynamic HDR expression that perfectly optimizes scene by scene, unveiling the desired intention of all content.



Minimal design

Slim, simple design allows the display to be mounted flush to the wall.



Pivot support

Support landscape and portrait modes for various business applications.



8K media player embedded

Driven by a powerful system on chip (SoC) platform that supports content up to 8K.



8K playback with single HDMI

8K content playback is supported by only one HDMI port, avoiding unnecessary cables.

* 8K AI upscaling: Viewing experience may vary according to types of content and format. It may not apply to PC connection, and certain conditions of Game Mode.

** Color Volume 100%: QLED signage can produce 100% color volume in the DCI-P3 color space.

Specification

Model			QP82R-8K	QP98R-8K
Panel	Diagonal Size		82	98
	Type		Direct LED BLU	Direct LED BLU
	Resolution		7680 x 4320	7680 x 4320
	Pixel Pitch (mm)		235.08 x 235.08 um	281.1 x 281.1 um
	Active Display Area		1805.4(H) x 1015.5(V)	2158.848(H) x 1214.352(V)
	Brightness(Typ.)		500 nit (peak 4,000 nit)	500 nit (peak 4,000 nit)
	Contrast Ratio (Typ.)		1,850:1	2,000:1
	Viewing Angle(H/V)		178/178	178/178
	Response Time (G to G)		6ms(Typ.)	6ms(Typ.)
	Display Colors		1.07B	1.07B
	Color Gamut		96% (DCI-P3, CIE 1976)	96% (DCI-P3, CIE 1976)
	Operation Hour		16/7	16/7
Display	Haze		Ultra-low reflection	Ultra-low reflection
	Dynamic C/R		MEGA	MEGA
	H/V-Scanning Frequency		270 HZ / 120 HZ	270 HZ / 120 HZ
Sound	Maximum Pixel Frequency		1.188 GHz	1.188 GHz
	Speaker Type		Built in Speaker(60W 4.2ch)	Built in Speaker(60W 4.2ch)
Connectivity	INPUT	VIDEO	HDMI 2.0 x 4 (‘HDMI4’ supports 8K input source)	HDMI 2.0 x 4 (‘HDMI4’ supports 8K input source)
		HDCP	HDCP2.2	HDCP2.2
		AUDIO	N/A	N/A
		USB	USB 2.0 x 3	USB 2.0 x 3
	OUTPUT	VIDEO	N/A	N/A
		AUDIO	Digital Audio Out (Optcal)	Digital Audio Out (Optcal)
	EXTERNAL CONTROL		RS232C(in) thru stereo jack, RJ45	RS232C(in) thru stereo jack, RJ45
	EXTERNAL SENSOR		N/A	N/A
	Tuner		N/A	N/A
	Type		Internal (OC Box)	Internal
Power	Power Supply		AC100 ~ 240 V~ (+/- 10 %), 50/60 Hz	AC100 ~ 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	621.5	896.5
		Typical[W/h]	(US)580, (EU)510	(US)800, (EU)800
		Rating[W/h]	565	815
		BTU(Max)	2119.315	3057.1
		Sleep mode	0.5	0.5
		Off mode	N/A	N/A
Mechanical Spec	Dimension (WxHxD, mm)	Set	1835.0 x 1055.6 x 34.8	2183.5 x 1249.4 x 39.9 (w/o stand)
		Package	2039.0 x 1224.0 x 260.0	2370 x 1405 x 350
	Weight (kg)	Set / Package	50 / 72.7	84.9 (w/o Stand) / 113.4
	VESA Mount (mm)		600 X 400	600 X 400
	Protection Glass		N/A	N/A
	Bezel Width (mm)		3 bezel-less	3 bezel-less
Operation	Operating Temperature / Humidity		0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%
Special Feature	H/W		Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(60W 4.2ch), Wi-Fi/BT	
	S/W		Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
Internal Media Player	Embedded		Yes	Yes
	Operating System		Tizen 5.0 (VDLinux)	Tizen 5.0 (VDLinux)
	SSSP		MagicInfo S7, SSSP 7.0	MagicInfo S7, SSSP 7.0
Certification	Safety		CB (Europe) : IEC60065/EN60065KC(Korea) : K 60065RCM(Australia) : IEC60065/AS/NZS 60065TUV (Germany) : CENEMKO (Norway) : CE FCC (USA) Part 15, Subpart B Class ACE (Europe) : EN55022:2006+A1:2007EN55024:1998+A1:2001+A2:2003VCCI (Japan) : VCCI V-3 /2010.04 Class AKCC/EK (Korea) : Tunerless : KN22 / KN24CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital)(C-Tick (Australia) : AS/NZS CISPR22:2009GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97	
	EMC		EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003	
	Environment		N/A	
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	



Features



UHD resolution

Provide ultra high-definition 4K resolution, creating lifelike images with sharper picture quality.



Intelligent UHD upscaling

Allow content developed at a lower resolution to be elevated to UHD-level quality.



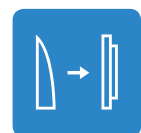
Dynamic Crystal Color

Showcase a wider spectrum of colors – up to a billion different shades – capturing subtle differences for flawless color expression.



Embedded media player

All-in-one solution simplifies installation and maintenance without the need for any external devices.



Slim & symmetrical design

All-new symmetric design simplifies wall mounting and ensures installation is seamless.



Clean cable management

Allow for a clean and visually-appealing experience, even when the back of the display is visible.



Samsung Workspace

Support wireless cloud service access and control of a PC with security provided by Knox.



Wi-Fi & Bluetooth built-in

Allow for more personalized and interactive services and simplify how businesses showcase content.

* Some features may vary by models.

Specification

Model		QH43R	QH49R	QH55R	QH65R	QH75R
Panel	Diagonal Size	43	49	55	65	75
	Type	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU
	Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	Pixel Pitch (mm)	0.2451 x 0.2451	0.279 x 0.279	0.315 x 0.315	0.372 x 0.372	0.42975 x 0.42975
	Active Display Area	941.184 (H) x 529.416 (V)	1073.78(H) x 604.00(V)	1209.6(H) x 680.4(V)	1428.48 (H) x 803.52 (V)	1650.24 (H) x 928.26 (V)
	Brightness(Typ.)	700	700	700	700	700
	Contrast Ratio (Typ.)	4000:1	4000:1	4000:1	4000:1	4000:1
	Viewing Angle(H/V)	178/178	178/178	178/178	178/178	178/178
	Response Time (G to G)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)
	Display Colors	16.7M(True Display) 1.07B(Dithered 10bit) 92% (DCI-P3, CIE 1976)	16.7M(True Display) 1.07B(Dithered 10bit) 92% (DCI-P3, CIE 1976)	16.7M(True Display) 1.07B(Dithered 10bit) 92% (DCI-P3, CIE 1976)	16.7M(True Display) 1.07B(Dithered 10bit) 92% (DCI-P3, CIE 1976)	16.7M(True Display) 1.07B(Dithered 10bit) 92% (DCI-P3, CIE 1976)
Display	Color Gamut	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)
	Operation Hour	24/7	24/7	24/7	24/7	24/7
	Haze	44%	25%	25%	25%	44%
Sound	Dynamic C/R	MEGA	MEGA	MEGA	MEGA	MEGA
	H/V-Scanning Frequency	30 ~ 81kHz / 48 ~ 75HZ	30 ~ 81kHz / 48 ~ 75HZ	30 ~ 81kHz / 48 ~ 75HZ	30 ~ 81kHz / 48 ~ 75HZ	30 ~ 81kHz / 48 ~ 75HZ
Connectivity	Speaker Type		Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)
	INPUT	RGB	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
	OUTPUT	RGB	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR	IR	IR
Power	Tuner		N/A	N/A	N/A	N/A
	Type		Internal	Internal	Internal	Internal
	Power Supply		AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz
	Power Consumption	Max[W/h]	138	143	160	204
		Typical[W/h]	96	99	118	150
		Rating[W/h]	125	130	145	185
		BTU(Max)	470.6	487.6	545.6	695.6
		Sleep mode	0.5	0.5	0.5	0.5
		Off mode	N/A	N/A	N/A	N/A
Mechanical Spec	Dimension (WxHxD, mm)	Set	967.5 x 557.7 x 48.3	1099.2 x 631.5 x 46.3	1235.1 x 707.9 x 46.3	1453.9 x 831.0 x 46.3
		Package	1095 x 676 x 151	1247 x 772 x 152	1402 x 858 x 163	1611 x 973 x 185
	Weight (kg)	Set / Package	10 / 13.3	13.5 / 18	18.1 / 23.6	24.9 / 33.3
	VESA Mount (mm)		200 X 200	200 X 200	200 X 200	400 X 400
	Protection Glass		N/A	N/A	N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	No
	Bezel Width (mm)		9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	11.5 (U/L/R), 12.5 (B)
Operation	Operating Temperature / Humidity		0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%
Special Feature	H/W		Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT			
	S/W		Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting), 802.1x(WPA2 Enterprise) Certified			
Internal Media Player	Embedded		Yes	Yes	Yes	Yes
	Operating System		Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	SSSP		MagicInfo S6, SSSP 6.0	MagicInfo S6, SSSP 6.0	MagicInfo S6, SSSP 6.0	MagicInfo S6, SSSP 6.0
Certification	Safety		60950-1	60950-1	60950-1	60950-1
	EMC		Class B	Class B	Class B	Class B
	Environment		N/A	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)
Accessories	Security		: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP
	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries			

Specification

Model		QM32R	QM43R	QM49R	QM55R	QM65R	QM75R
Panel	Diagonal Size	32	43	49	55	65	75
	Type	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU
	Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	Pixel Pitch (mm)	0.360(H) x 0.360(V)	0.2451 x 0.2451	0.279 x 0.279	0.315 x 0.315	0.372 x 0.372	0.42975 x 0.42975
	Active Display Area	698.4(H) x 392.85(V)	941.184 (H) x 529.416 (V)	1073.78(H) x 604.00(V)	1209.6(H) x 680.4(V)	1428.48 (H) x 803.52 (V)	1650.24 (H) x 928.26 (V)
	Brightness(Typ.)	400	500	500	500	500	500
	Contrast Ratio (Typ.)	5000:1	4000:1	4000:1	4000:1	4000:1	4000:1
	Viewing Angle(H/V)	178/178	178/178	178/178	178/178	178/178	178/178
	Response Time (G to G)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)
	Display Colors	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)
	Color Gamut	72%	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)
	Operation Hour	16/7	24/7	24/7	24/7	24/7	24/7
	Haze	2%	44%	25%	25%	25%	44%
Display	Dynamic C/R	MEGA	MEGA	MEGA	MEGA	MEGA	MEGA
	H/V-Scanning Frequency	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz
	Maximum Pixel Frequency	594MHz	594MHz	594MHz	594MHz	594MHz	594MHz
Sound	Speaker Type		Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)
Connectivity	INPUT	RGB	Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (1)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, HDMI	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
	OUTPUT	RGB	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)
		VIDEO	N/A	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR	IR	IR	IR
	Tuner		N/A	N/A	N/A	N/A	N/A
	Type		Internal	Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power	Power Consumption	Max[W/h]	TBD	110	138	143	181.5
		Typical[W/h]	TBD	74	103	108	131
		Rating[W/h]	TBD	100	125	130	165
		BTU(Max)	TBD	375.1	470.6	487.6	618.9
		Sleep mode	0.5	0.5	0.5	0.5	0.5
		Off mode	N/A	N/A	N/A	N/A	N/A
		Dimension (WxHxD, mm)	Set	725.1 x 419.6 x 34.6	967.5 x 557.7 x 48.3	1099.2 x 631.5 x 46.3	1235.1 x 707.9 x 46.3
		Weight (kg)	Set / Package	812 x 513 x 120	1095 x 676 x 151	1247 x 772 x 152	1402 x 858 x 163
Mechanical Spec	VESA Mount (mm)	Set / Package	5.7 / 8	10 / 13.3	13.5 / 18	18.1 / 23.6	24.9 / 33.3
		Set / Package	5.7 / 8	10 / 13.3	13.5 / 18	18.1 / 23.6	24.9 / 33.3
		Set / Package	5.7 / 8	10 / 13.3	13.5 / 18	18.1 / 23.6	24.9 / 33.3
	Protection Glass		N/A	N/A	N/A	N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	No
	Bezels Width (mm)		8.8 (U/L/R/B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	11.5 (U/L/R), 12.5 (B)
	Bezels Width (mm)		8.8 (U/L/R/B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	11.5 (U/L/R), 12.5 (B)
Operation	Operating Temperature / Humidity		0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%
Special Feature	H/W		Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT				
	S/W		Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)				
	S/W		Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)				
Internal Media Player	Embedded		Yes	Yes	Yes	Yes	Yes
	Operating System		Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	SSSP		Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0
Certification	Safety		60950-1	60950-1	60950-1	60950-1	60950-1
	EMC		Class B(TBD)	Class B	Class B	Class B	Class B
	Environment		N/A	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat
Accessories	Security		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries				
	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries				

Specification

Model			QM85N	QM98N	QB43R	QB49R	QB55R	QB65R	QB75R
Panel	Diagonal Size		85	98	43	49	55	65	75
	Type		Direct LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU
	Resolution		3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
	Pixel Pitch (mm)		0.4875 x 0.4875 (mm)	0.562 x 0.562 (mm)	0.2451 x 0.2451	0.279 x 0.279	0.315 x 0.315	0.372 x 0.372	0.42975 x 0.42975
	Active Display Area		1872.0(H) x 1053.0(V)	2158.848(H) x 1214.352(V)	941.184 (H) x 529.416 (V)	1073.78(H) x 604.00(V)	1209.6(H) x 680.4(V)	1428.48 (H) x 803.52 (V)	1650.24 (H) x 928.26 (V)
	Brightness(Typ.)		500nit	500nit	350	350	350	350	350
	Contrast Ratio (Typ.)		3000:1	4000:1	4000:1	4000:1	4000:1	4000:1	4000:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178	178/178	178/178	178/178
	Response Time (G to G)		8ms(Typ.)	6ms (Typ)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)
	Display Colors		16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)
	Color Gamut		72%	72%	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)
	Operation Hour		24/7	24/7	16/7	16/7	16/7	16/7	16/7
	Haze		44%	25%	2%	2%	2%	2%	2%
Display	Dynamic C/R		Mega	Mega	MEGA	MEGA	MEGA	MEGA	MEGA
	H/V-Scanning Frequency		30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz
	Maximum Pixel Frequency		594MHz	594MHz	594MHz	594MHz	594MHz	594MHz	594MHz
Sound	Speaker Type		Built in Speaker (15W + 15W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)
Connectivity	INPUT	RGB	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D	DVI-D	DVI-D	DVI-D	DVI-D
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI	Stereo Mini Jack, DVI/ HDMI/Audio(Common)	Stereo Mini Jack, DVI/ HDMI/Audio(Common)	Stereo Mini Jack, DVI/ HDMI/Audio(Common)	Stereo Mini Jack, DVI/ HDMI/Audio(Common)	Stereo Mini Jack, DVI/ HDMI/Audio(Common)
		USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
	OUTPUT	RGB	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	N/A	N/A	N/A	N/A	N/A
		VIDEO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR	IR	IR	IR	IR	IR
	Tuner		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Type		Internal	Internal	Internal	Internal	Internal	Internal	Internal
	Power Supply		AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz
Power	Power Consumption	Max[W/h]	495	528	110	138	143	181.5	231
		Typical[W/h]	362	372	67	103	108	128	150
		Rating[W/h]	450	480	100	125	130	165	210
		BTU(Max)	1688.0	1800.5	375.1	470.6	487.6	618.9	787.7
		Sleep mode	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Off mode	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Dimension (WxHxD, mm)	Set	1903.4 x 1090.5 x 69.4 (w/o handle), 1903.4 x 1090.5 x 105.1 (w/ handle)	2194.2 x 1249.8 x 71.6 (w/o handle), 2194.2 x 1249.8 x 75.3 (w/ handle)	967.5 x 557.7 x 48.3	1099.2 x 631.5 x 46.3	1235.1 x 707.9 x 46.3	1453.9 x 831.0 x 46.3
Mechanical Spec	Weight (kg)	Set / Package	50.7 / 66.9	77.1 / 149.4	10 / 13.3	18.1 / 23.6	24.9 / 33.3	38.3 / 49	
		VESA Mount (mm)	600x400	900x600	200 X 200	200 X 200	200 X 200	400 X 400	400 X 400
	Protection Glass		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Stand Type		No	No	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	No	No
	Bezel Width (mm)		13.2 (U/L/R), 19.3(B)	15.2 (U/L/R/B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	9.2 (U/L/R), 11.2 (B)	11.5 (U/L/R), 12.5 (B)
	Operation		Operating Temperature / Humidity	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%	0°C~ 40°C / 10~80%
	Special Feature	H/W		Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), Wi-Fi/BT					
S/W		Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting), 802.1x(WPA2 Enterprise) Certified							
Internal Media Player	Embedded		Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Operating System		Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	SSSP		Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0	Maginfo S6, SSSP 6.0
Certification	Safety		60950-1	60950-1	60950-1	60950-1	60950-1	60950-1	60950-1
	EMC		Class A	Class A	Class B	Class B	Class B	Class B	Class B
	Environment		N/A	N/A	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat	ENERGY STAR 7.0, Epeat
Accessories	Security		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries						



Features



High visibility

Amplify any type of content with 2,500 nit to 3,300 nit high brightness and high contrast ratio.



24/7 operation

Deliver consistent messages with 24/7 performance.



IP56 rating

Perform correctly in outdoor settings, including dust and humidity that could affect the display.



High durability

Built strong to endure external impacts through IK10-rated Magic Protection Glass.



Dimming sensor

Automatically adjust brightness based on external lighting environment, reducing power consumption.



All-in-one design

Designed with an embedded power box and media player in a strong, sleek and slim design.



Cooling system

Withstand extreme temperature through a filter-less cooling system with heat exchanger.



Dual sided screen*

With high brightness on both sides of the display, users can double their marketing potential in one location.

Specification

Model		OH46F	OH55F	OH85N (Kit type)	OH85N-S (with glass)	OH85N-D (Kit type)
Panel	Diagonal Size	46	55	85	85	85
	Type	120Hz E-LED BLU	120Hz E-LED BLU	60Hz D-LED Local Dim. BLU	60Hz D-LED Local Dim. BLU	60Hz D-LED Local Dim. BLU
	Resolution	1920x1080	1920x1080	3840x2160	3840x2160	3840x2160
	Pixel Pitch(mm)	0.530 x 0.530	0.630 x 0.630	0.488 x 0.488	0.488 x 0.488	0.488 x 0.488
	Active Display Area(mm)	1018.08(H) x 572.67(V)	1209.60(H) x 680.40(V)	1872(H) x 1053(V)	1872(H) x 1053(V)	1872(H) x 1053(V)
	Brightness(Typ.)	3,000 cd/m2	2,500 cd/m2	3,300 cd/m2 (w/o glass)	3,000 cd/m2	3,300 cd/m2 (w/o glass)
	Contrast Ratio	5,000:1	4,000:1	3000:1	3000:1	3000:1
	Viewing Angle(H/V)	178/178	178/178	178/178	178/178	178/178
	Response Time(G-to-G)	6ms	8ms	8ms	8ms	8ms
	Display Colors	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M bit	8 bit - 16.7M bit	8 bit - 16.7M bit
Display	Color Gamut	72%	72%	72%	72%	72%
	Operation Hour	24/7	24/7	24/7	24/7	24/7
	Haze	0%	0%	0%	0%	0%
	Dynamic C/R	100,000:1	100,000:1	100,000:1	100,000:1	100,000:1
Sound	H-Scanning Frequency	30 ~ 81 kHz	30 ~ 81 kHz	15 ~ 135kHz (HDMI), 30 ~ 135kHz (DP)	15 ~ 135kHz (HDMI), 30 ~ 135kHz (DP)	15 ~ 135kHz (HDMI), 30 ~ 135kHz (DP)
	V-Scanning Frequency	48 ~ 75 Hz	48 ~ 75 Hz	24 ~ 75Hz (HDMI), 30 ~ 75Hz (DP)	24 ~ 75Hz (HDMI), 30 ~ 75Hz (DP)	24 ~ 75Hz (HDMI), 30 ~ 75Hz (DP)
	Maximum Pixel Frequency	148.5 MHz	148.5 MHz	594MHz (HDMI), 533.25MHz (DP)	594MHz (HDMI), 533.25MHz (DP)	594MHz (HDMI), 533.25MHz (DP)
Connectivity	Speaker Type	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A
	INPUT	RGB	N/A	N/A	N/A	N/A
		VIDEO	HDMI 1.4 (2), HDBaseT (LAN Common)	HDMI 1.4 (2), HDBaseT (LAN Common)	HDMI 2.0 (2)	HDMI 2.0 (4)
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2
		AUDIO	N/A	N/A	N/A	N/A
	OUTPUT	USB	USB (1)	USB (1)	USB 2.0 (1)	USB 2.0 (2)
		RGB	N/A	N/A	N/A	N/A
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
Power	EXTERNAL CONTROL		RS232C (In/Out), RJ45(In/Out), HDBaseT	RS232C (In), RJ45 (In)	RS232C (In), RJ45 (In)	RS232C (In), RJ45 (In)
	EXTERNAL SENSOR		N/A	N/A	N/A	N/A
	Tuner		N/A	N/A	N/A	N/A
	Type		Internal	Internal	Internal	Internal
Mechanical Spec	Power Consumption	Power Supply	AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V (+/-10 %), 50/60 Hz	AC100 - 240 V (+/-10 %), 50/60 Hz
		Max[W/h]	400	450	1,800	3,600 (1,800x2)
		Typical[W/h]	W/W(EU) 211, US/KOR/Etc. 353 ※ Etc: CHINA, TAIWAN, BRA, CIS	W/W(EU) 292, US/KOR/Etc. 410 ※ Etc: CHINA, TAIWAN, BRA, CIS	W/W(EU) 600, US/KOR/Etc. 1,010 ※ Etc: CHINA, TAIWAN, BRA	W/W(EU) 1200 (600x2), US/KOR/ Etc. 2,020 (1,010x2) ※ Etc: CHINA, TAIWAN, BRA
		BTU(Max)	1,365	1,536	6,138	12,276 (6,138x2)
		Sleep mode	Less than 0.5W	Less than 0.5W	less than 0.5W	less than 1W
Operation	Off mode	Off mode	Less than 0.5W	Less than 0.5W	less than 0.5W	less than 1W
		Set	1069.0 x 623.6 x 85.0	1260.6 x 731.4 x 85.0	2,004 x 1,185 x 120	1,193 x 2,012 x 228
		Package	1156 x 713 x 200	1358 x 845 x 230	2,175 x 1,383 x 495 (Without Pallet)	1,510 x 2,284 x 577 (Without Pallet)
		Weight (kg)	36 / 40.5	46.1 / 52.6	137 / 185	255 / 310.6
		Set / Package	995 x 500 (Basic) 1000 x 400 (VESA Bracket Option) Yes (ST Tempered Glass)	1186 x 560 (Basic) 1200 x 400 (VESA Bracket Option) Yes (ST Tempered Glass)	1000 x 1118.4 (M8 x 4Hole) 500 x 1118.4 (M8 x 4Hole) N/A	1000 x 1118.4 (M8 x 4Hole) 500 x 1118.4 (M8 x 4Hole) Yes (ST Tempered Glass)
Special Feature	Special Feature	Mounting Hole	995 x 500 (Basic) 1000 x 400 (VESA Bracket Option) Yes (ST Tempered Glass)	1186 x 560 (Basic) 1200 x 400 (VESA Bracket Option) Yes (ST Tempered Glass)	1000 x 1118.4 (M8 x 4Hole) 500 x 1118.4 (M8 x 4Hole) N/A	1000 x 1118.4 (M8 x 4Hole) 500 x 1118.4 (M8 x 4Hole) Yes (ST Tempered Glass)
		Protection Glass	Yes (ST Tempered Glass)	Yes (ST Tempered Glass)	N/A	N/A
		Stand Type	N/A	N/A	N/A	N/A
		Bezel Width (mm)	24.9 / 24.9 / 24.9 / 24.9	24.9 / 24.9 / 24.9 / 24.9	N/A	62 / 62 / 62 / 62
		Operating Temperature	-30°C~ 50°C	-30°C~ 50°C	-30°C~ 50°C	-30°C~ 50°C
Internal Media Player	Operating System	Humidity	10~100% (Non-condensing)	10~100% (Non-condensing)	10~100% (Non-condensing)	10~100% (Non-condensing)
		IP Rating	IP56	IP56	IP56	IP56
Certification	Safety	Special Feature	IP56 Rated Simple Enclosure Outdoor, Protection Glass/IK-10 Level, Anti Graffiti, Infrared Reduce, Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installling, Portrait / Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock	IP56 Rated Simple Enclosure Outdoor, Polarized Sun Glasses Viewable in any direction, Portrait / Landscape Installation Support, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping)	IP56 Rated Simple Enclosure Outdoor, Polarized Sun Glasses Viewable in any direction, Portrait / Landscape Installation Support, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping)	IP56 Rated Simple Enclosure Outdoor, Polarized Sun Glasses Viewable in any direction, Portrait / Landscape Installation Support, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping)
		EMC	EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 N/A	EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 N/A	EN55032:2015 Class B EN55035:2017 N/A	EN55032:2015 Class B EN55035:2017 N/A
Accessories	Included	Environment	N/A	N/A	N/A	N/A
		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries	Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries	Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries

* Dual-sided screen is only available on OHN-D series.

* Additional glass needed for kit-type



Features



UHD resolution*

Provide ultra high-definition 4K resolution, creating lifelike images with sharper picture quality.



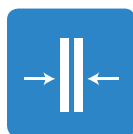
High visibility

Deliver clear messages even in direct sunlight with high brightness and high contrast ratio.



24/7 operation

Deliver consistent messages with 24/7 performance.



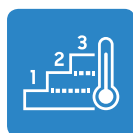
Slim design

Stylish design with slim depth takes up less space, giving retailers greater flexibility in storefront design.



IP5X rating

Perform correctly in outdoor settings, including dust that could affect the display.



Overheat protection

Prevent damage from overheating through a 3-step proprietary protection system.



Energy efficiency

Consume less power, while delivering a brilliant picture – offering greater control over costs.



Dual-sided screen**

Allow retailers to maximize messaging with screens on both sides.

Specification

Model		OM32H	OM46N	OM55N	OM75R	OM46N-D	OM55N-D	
Panel	Diagonal Size	32	46	55	75	46	55	
	Type	60Hz E-LED BLU	120Hz E-LED BLU	120Hz E-LED BLU	120Hz D-LED BLU	120Hz E-LED BLU	120Hz / 60Hz E-LED BLU	
	Resolution	1920x1080	1920x1080	1920x1080	3840 x 2160	1920x1080	1920x1080	
	Pixel Pitch(mm)	0.3637 x 0.3637	0.530 x 0.530	0.530 x 0.530	0.430 x 0.430	0.530 x 0.530	0.530 x 0.530	
	Active Display Area(mm)	698.4(H) x 392.85(V)	1018.08(H) x 572.67(V)	1209.6(H) x 680.4(V)	1650.24(H) x 928.26(V)	1018.08(H) x 572.67(V)	1209.6(H) x 680.4(V)	
	Brightness(Typ.)	1,000 cd/m2	4,000 cd/m2	4,000 cd/m2	4,000 cd/m2	3,000 / 1,000 cd/m2	3,000 / 1,000 cd/m2	
	Contrast Ratio	3,000:1	5,000:1	5,000:1	5,000:1	5,000:1	5,000:1	
	Viewing Angle(H/V)	178/178	178/178	178/178	178/178	178/178	178/178	
	Response Time(G-to-G)	8ms	6ms	6ms	6ms	6ms	6ms(3,000nit), 8ms(1,000nit)	
	Display Colors	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	
	Color Gamut	72%	72%	72%	72%	72%	72%	
	Operation Hour	16/7	24/7	24/7	24/7	24/7	24/7	
Display	Haze	0%	0%	0%	0%	0%	0%	
	H-Scanning Frequency	30 ~ 81 kHz	30 ~ 135kHz (DP), 15 ~ 135kHz (HDMI)	30 ~ 135kHz (DP), 15 ~ 135kHz (HDMI)	15~81kHz (HDMI), 30 ~ 135kHz (DP)	15 ~ 135kHz (HDMI)	15 ~ 135kHz (HDMI)	
	V-Scanning Frequency	48 ~ 75 Hz	30 ~ 75Hz (DP), 24 ~ 75Hz (HDMI)	30 ~ 75Hz (DP), 24 ~ 75Hz (HDMI)	24~75Hz (HDMI), 30~75Hz (DP)	24 ~ 75Hz (HDMI)	24 ~ 75Hz (HDMI)	
	Maximum Pixel Frequency	148.5 MHz	533.25MHz (DP), 594MHz (HDMI)	533.25MHz (DP), 594MHz (HDMI)	594MHz (HDMI), 533.25MHz(DP)	594MHz (HDMI)	594MHz (HDMI)	
Sound	Speaker Type	N/A	N/A	N/A	N/A	N/A	N/A	
Connectivity	INPUT	RGB	Display Port (1)	Display Port 1.2 (1)	Display Port 1.2 (1)	N/A	N/A	
		VIDEO	HDMI (2)	HDMI2.0 (2)	HDMI2.0 (2)	HDMI2.0 (2)	HDMI2.0 (2)	
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2	
		AUDIO	N/A	N/A	N/A	N/A	N/A	
		USB	USB (1)	USB 2.0 (1)	USB 2.0 (1)	USB 2.0 (1)	USB 2.0 (2)	USB 2.0 (2)
	OUTPUT	RGB	DPI.2 (Daisy Chain)	HDMI 2.0	HDMI 2.0	HDMI 2.0	N/A	N/A
		VIDEO	Yes	Yes	Yes	Yes	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	N/A	N/A
	EXTERNAL CONTROL		RS232C (In/Out), RJ45 (In/Out), HDBaseT (In)	RS232C (In/Out), RJ45 (In/Out)	RS232C (In/Out), RJ45 (In/Out)	RS232C (In/Out), RJ45 (In)	RS232C (In), RJ45 (In)	RS232C (In), RJ45 (In)
	EXTERNAL SENSOR		Detachable Type (IR)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient (Outdoor Only))	Detachable Type (IR, Ambient (Outdoor Only))	Detachable Type (IR, Ambient (Outdoor Only))
	Tuner		N/A	N/A	N/A	N/A	N/A	N/A
	Power	Type	Internal	Internal	Internal	Internal	Internal	Internal
Power Supply		AC100 ~ 240 V- (+/- 10 %), 50/60 Hz	AC100 ~ 240 V- (+/- 10 %), 50/60 Hz	AC100 ~ 240 V- (+/- 10 %), 50/60 Hz	AC100 ~ 240 V- (+/- 10 %), 50/60 Hz	AC100 ~ 240 V- (+/- 10 %), 50/60 Hz	AC100 ~ 240 V- (+/- 10 %), 50/60 Hz	
Power Consumption		Max[W/h]	110	350	450	990	380	500
		Typical[W/h]	W/W(EU) : 103 US/KOR/Etc : 105 ※ Etc: CHINA, TAIWAN, BRA, CIS	W/W(EU) : 210 US/KOR/Etc : 330 ※ Etc: CHINA, TAIWAN, BRA, CIS	W/W(EU) : 276 US/KOR/Etc : 420 ※ Etc: CHINA, TAIWAN, BRA, CIS	411W(EU), 600W(US/KOR/ETC)	W/W(EU) : 214 US/KOR/Etc : 380 ※ Etc: CHINA, TAIWAN, BRA, CIS	W/W(EU) : 290 US/KOR/ETC : 470 ※ ETC : CHINA, TAIWAN, BRA, CIS
		BTU(Max)	376	1194	1536	3376	1297	1706
		Sleep mode	0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 1W	less than 1W
		Off mode	0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W
Mechanical Spec	Dimension (WxHxD, mm)	Set	734.7 x 429.2 x 55.3	1062 x 616.6 x 54.5	1253.4 x 724.2 x 54.5	1703.1 x 981.2 x 82.6	619.1 x 1107.5 x 69.5	726.8 x 1299 x 69.5
		Package	829 x 141 x 518	1189 x 757 x 158	1420 x 879 x 178	1890 x 1144 x 225	796 x 1255 x 327	940 x 1466 x 367
	Weight (kg)	Set / Package	79 / 9.7	18.2 / 23	22.1 / 28	38 / 48.8	32 / 39.5	42 / 52
		VESA Mount (mm)	100 x 100	400 x 400	400 x 400	400 x 400	N/A	N/A
	Protection Glass		N/A	N/A	N/A	N/A	N/A	N/A
	Stand Type		N/A	N/A	N/A	N/A	N/A	N/A
Operation	Bezel Width (mm)		14 / 14 / 14 / 14	199 (even)	199 (even)	23.9	22.8 (even)	22.8 (even)
	Operating Temperature		0°C~ 30°C (Direct Sunlight), 0°C~ 40°C (w/o Direct Sunlight)	0°C~ 30°C (Direct Sunlight), 0°C~ 40°C (w/o Direct Sunlight)	0°C~ 30°C (Direct Sunlight), 0°C~ 40°C (w/o Direct Sunlight)	0°C~ 30°C (Direct Sunlight), 0°C~ 40°C (w/o Direct Sunlight)	0°C~ 30°C (Direct Sunlight), 0°C~ 40°C (w/o Direct Sunlight)	0°C~ 30°C (Direct Sunlight), 0°C~ 40°C (w/o Direct Sunlight)
	Humidity		10~80%	10~80%	10~80%	10~80%	10~80%	10~80%
Special Feature	Special Feature		Polarized Sun Glasses Viewable, Noise-less, Internal Temperature Sensor, Portrait / Landscape Installation	IP 5X rated, Polarized Sun Glasses Viewable in any direction, Portrait / Landscape Installation Support, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock, WIFI Module Embedded			Dual Display, IP5X rated, Polarized Sun Glasses Viewable in any direction, Portrait Installation Support, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), WIFI Module Embedded (Zea, one per each display)	
	Internal Media Player		Embedded	Yes	Yes	Yes	Yes	Yes
Certification	Operating System		Tizen 2.4 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 5.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	SSSP		Maginfo Player S4, SSSP 4.0	Maginfo Player S6, SSSP 6.0	Maginfo Player S6, SSSP 6.0	Maginfo Player S7, SSSP 7.0	Maginfo Player S6, SSSP 6.0	Maginfo Player S6, SSSP 6.0
	Safety		60950-1	CB (Europe) : IEC60950-1/EN60950-1, UL(USA) : cUL60950-1				
	EMC		Class A	FCC (USA) : Part15, Subpart B Class A, CE (Europe) : EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003				
Accessories	Environment		N/A	N/A	N/A	N/A	N/A	N/A
	Included		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller,	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, IR, Ambient sensor				

* UHD resolution is only available on OMR series.

** Dual-sided screen is only available on OMN-D series.



Features



Pen & paper writing experience

Both pen & brush mode notation in a variety of colors, styles and widths, ensuring real-time feedback and speed without delay.



Annotation on

Write on any background source without affecting work behind the original layer.



Flexible image editing

Quickly and easily select, move, crop, capture, and edit any image. Each image can also be merged to the roll.



Web browser

Access any web browser directly and write new ideas besides the browser, even while video is playing.



Samsung Workspace

Support wireless cloud service access and control of a PC with security provided by Knox.



Versatile connectivity

HDMI out, NFC, screen mirroring, and touch out capabilities provide interactive content visibility, notation and real-time sharing.



Innovative design

- 55": Start a meeting in any location with a portable, wheel-based stand.
- 65": Install the Flip even closer to the wall with no gap wall-mount.



Complete management

Support remote management*, a secure wireless connection, LDAP synchronization and file security with 6-digit lock.

* Samsung's Remote Management solution must be purchased separately.

Specification

Model		WM55R	WM65R
Panel	Diagonal Size	55	65
	Type	60Hz New Edge	60Hz New Edge
	Resolution	3840 x 2160	3840 x 2160
	Brightness(Typ.)	350 (without glass), 220 (with glass)	350 (without glass), 220 (with glass)
	Contrast Ratio(Typ.)	4000:1 (Typ.)(without glass)	4000:1 (Typ.)(without glass)
	Viewing Angle(H/V)	178:178	178:178
	Response Time(G-to-G)	8ms(Typ.)	8ms(Typ.)
Sound	Speaker Type	Built in Speaker (10W x 2)	Built in Speaker (10W x 2)
Connectivity	INPUT	RGB	N/A
		VIDEO	(Basic) HDMI 2
		AUDIO	(With Tray) HDMI 3
		USB	N/A
	OUTPUT	RGB	(Basic) USB1
		VIDEO	(With Tray) USB 2, USB External (In/Out)1
		AUDIO	N/A
		Touch Out	N/A
	INTERNAL	SENSOR	(Basic) Touch Out1 (USB Upstream Type), Audio Out1 (With Tray) Touch Out 2, Audio Out1, Screen Share(HDMI-Out)1 (Basic) Acceleration sensor
	EXTERNAL	CONTROL	(With Tray) Acceleration sensor, NFC Touch Input RS232C, RJ45 (Not for User Control) InGlass™
Touch	Type	Multi-writing up to 4	4 drawing (1024 level touch recognition)
	# of Drawing	Passive Pen with magnet	Passive Pen with magnet
	Object Recognition Range	2mm/ 4mm / 8mm / 50mm, 1024 Level on Brush Mode	2mm/ 4mm / 8mm / 50mm, 1024 Level on Brush Mode
	Touch Response Time	6.7ms	6.7ms
Power	Type	Internal	Internal
	Power Supply	AC100~240V 50/60Hz	AC100~240V 50/60Hz
	Power Consumption	Max[W/h]	154
		Typical[W/h]	80
		Rating[W/h]	140
		Stand-by[W/h]	0.5
Mechanical Spec	Dimension (WxHxD, mm)	Set	1297.4 x 768.2 x 59.9
		Package	1464 x 915 x 190
	Weight (kg)	Set / Package	28.2 / 35.2
			40.0 / 50.6
	Color		Light Gray
	VESA Mount (mm)		400 x 400
	Protection Glass		Yes
	Stand Type		Moving Stand / Wallmount (WMN4277SE)
	Media Player Option Type		No-Gap Wall Mount
	Rotation		N/A
	Power Cable Length		Landscape only with Flip No-Gap Wallmount (Available with rotation support 3rd party accessory as sensor/portrait UX already applied on Flip)
	Accessory		3m
Operation	Operating Temperature / Humidity		Cover-Jack
	Key		0°C~ 40°C / 10~80%
Special Feature	Special	Flip App	0°C~ 40°C / 10~80%
		H/W	Flip App
		S/W	Flip S/W
Internal Media Player	Platform		Flip S/W
	Embedded		Muse-M (Tizen 5.0)
Certification	Operating System		Yes
	Security		Samsung Proprietary OS(VDLinux)
Accessories	Included		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
			Passive Pen(2), Power Cable, Touch Out Cable (USB upstream)



Features



Smooth & fast touch

Provide a smooth, fully-functional digital writing experience.



Multi-writing up to 4

For simultaneous interaction, up to 4 people can write at the same time on the screen.



Interactive collaboration

Quickly and easily load, share and revise content directly from a personal device.



Seamless source switch

Quickly switch between screens, such as whiteboard, browser and connected sources, with just a touch.



Remote workspace

Edit content on remote laptops directly through the central screen utilizing touch functionality.



PC-less solution

A complete solution with no need for a dedicated PC in meetings.



Secured by Knox

Protect against information leakage through rigid 3-layer security platform.



UHD resolution

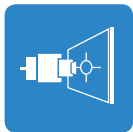
Ensure all notations and content are clear and legible for every participant.

Specification

Model			QB75N-W
Panel	Diagonal Size		75
	Type		120Hz Direct LED
	Resolution		3840 x 2160
	Brightness(Typ.)		300nit (w/o Touch Glass)
	Contrast Ratio(Typ.)		Mega
	Viewing Angle(H/V)		178-178
	Response Time(G-to-G)		8ms
	Operation Hour		16/7
Sound	Speaker Type		Built in Speaker (10W x 2) (Down Firing w/Bass Reflex)
Connectivity	INPUT	RGB	N/A
		VIDEO	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver1.4), DVI-D
		AUDIO	N/A
		USB	USB1, 2 (Rear), USB 3 (Front), PC USB (Front)
	OUTPUT	RGB	N/A
		VIDEO	N/A
		AUDIO	Audio
		Touch Out	Touch Out1 (Rear), Touch Out 2 (Front)
	INTERNAL	SENSOR	N/A
	EXTERNAL	CONTROL	RS232C(in/out) thru stereo jack, RJ45, Wi-Fi
		SENSOR	IR Sensor(Display Control)
Touch	Type		IR (Infra Red)
	# of Drawing		4 drawing (SoC), 10 drawing (External Windows PC)
	Touch Pen Type		Passive Pen
	Object Recognition Range		8mm
	Touch Response Time		7ms
Power	Type		Internal
	Power Supply		AC100~240V 50/60Hz
	Power Consumption	On mode [W]	220(Max), 157(Typical), 200(Rating)
		Sleep mode	0.5
		Off mode	N/A
Mechanical Spec	Dimension (WxHxD, mm)	Set	1741.5 x 1012.1 x 81.2
		Package	1905 x 1175 x 307
	Weight (kg)	Set/Package	57.4 / 69.5
		Color	Black
	VESA Mount (mm)		400 x 400
	Protection Glass		Yes
	Stand Type		Wall Mount
	Media Player Option Type		N/A
	Rotation		N/A
	Power Cable Length		3m
	Accessory		Pen Holder
Operation	Operating Temperature / Humidity		0°C~ 40°C / 10~80%
Special Feature	Special Feature	H/W	Super Clear Coating, Temperature Sensor, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded MagicWB S5
		S/W	
		Platform	
Internal Media Player	Embedded		Yes
	Operating System		Tizen 3.0 (VDLinux)
	SSSP		MagicInfo Player S5, SSSP
Accessories	Included		Passive Pen, Power Cable



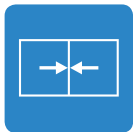
Features

- 

Multi-step calibration

Rigorous factory calibration ensures brightness and color uniformity across multiple displays.
- 

Mobile calibration

Provide a quick and easy calibration through mobile camera, compatible with Color Expert Pro Mobile solution.
- 

Various bezel options

Eliminate any potential image distortion and provide a more immersive viewing experience.
- 

Non-glare panel

Ensure better visibility regardless of any light in the room.
- 

24/7 operation

Deliver consistent messages with 24/7 performance.
- 

UHD resolution by daisy chain

With daisy chain using DisplayPort1.2 and HDMI ports, project UHD content across multiple screens up to 5x5 configuration.
- 

Easy installation*

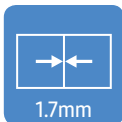
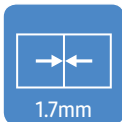
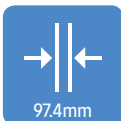
Sized to the dimensions of the video wall, user-friendly wall mounts ensure easy installation through minimal steps.
- 

ISTA-certified package

Protected from any potential damage during transportation and delivery.

* Samsung's special wall mount accessories must be purchased separately.

Lineup

			Bezel width	Brightness	Thickness
Premium		VHR-R series 55"	 0.88mm	 700 nit	 69.9mm
		UHF-E/ UHN-E series 46" 55"	 1.7mm	 700 nit	 96.3mm
		UMH-E/ UMN-E series 46" 55"	 1.7mm	 500 nit	 96.3mm
Entry		VMR-U series *Embedded SoC model 46"	 3.5mm	 500 nit	 97.4mm



Specification

Model		VH55R-R	UH55F-E	UH46N-E
Panel	Diagonal Size	55	55	46
	Type	IPS	D-LED DID	D-LED DID
	Resolution	1920 x 1080	1920 x 1080	1920x1080
	Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V)	0.63mm(H) x 0.63mm(V)	0.53025mm(H) x 0.53025mm(V)
	Active Display Area(mm)	1209.6 x 680.4mm	1209.6 x 680.4mm	1018.08mm x 572.67mm
	Brightness	Max 700 cd/m2	Max 700 cd/m2	Max 700 cd/m2
	Contrast Ratio	1100:1	4000:1	4000:1
	Viewing Angle(H/V)	178/178	178/178	178/178
	Response Time(G-to-G)	8ms	8ms	8ms
	Display Colors	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Color Gamut	72%	72%	72%
	Operation Hour	24/7	24/7	24/7
	Haze	28%	25% (Outer Haze 23%)	25% (Outer Haze 23%)
	Dynamic C/R	30,000:1	MEGA DCR	MEGA DCR
Display	H/V-Scanning Frequency	57.3kHz ~ 70kHz / 48Hz ~ 75Hz	30kHz ~ 81kHz / 48Hz ~ 75Hz	30kHz ~ 81kHz / 48Hz ~ 75Hz
	Maximum Pixel Frequency	78MHz	148.5MHz	148.5MHz
Sound	Speaker Type		N/A	N/A
			N/A	N/A
Connectivity	INPUT	RGB	DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo mini Jack	Stereo mini Jack
	OUTPUT	USB	Only F/W upgrade	Only F/W upgrade
		RGB	DP1.2(Loop-out)	DP1.2(Loop-out)
		VIDEO	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack
	EXTERNAL CONTROL		RS232C(in/out), RJ45	RS232C(in/out), RJ45
	EXTERNAL SENSOR		Detachable type(IR)	Detachable type(IR)
Power	Tuner		N/A	N/A
	Type		Internal	Internal
	Power Supply		AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	270	187
		Typical[W/h]	153	102
		BTU(Max)	921	1013
		Sleep Mode	less than 0.5W	less than 0.5W
Mechanical Spec	Dimension (WxHxD, mm)	Set	1211.6 x 681.7 x 69.9	1211.6 x 682.4 x 96.3
		Package	1414.0 x 844.0 x 257.0	1355 x 809 x 320
	Weight (kg)	Set / Package	16.8 / 25.1	21.0 / 28.2
	VESA Mount (mm)		600 x 400	600 x 400
	Protection Glass		N/A	N/A
	Stand Type		N/A	N/A
	Bezel Width (mm)		0.44 (Even)	1.15 (U/L), 0.55 (R/B)
Operation	Operating Temperature		0°C ~ 40°C / 10~80%	0°C ~ 40°C / 10~80%
	Key		Razor Narrow Bezel	Extreme Narrow Bezel
Feature	Key		ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 28%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall(15x-15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(168hrs Clock Keeping), IPSX tested, EMC Class B	ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 25%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(80hrs Clock Keeping)
	Special			
Internal Media Player	Embedded		No	No
	Operating System		No	No
Certification	Safety	UL (USA) : UL 60950-1	UL (USA) : UL 60950-1	UL (USA) : UL 60950-1
		CSA (Canada) : CSA C22.2 No. 60950-1	CSA (Canada) : CSA C22.2 No. 60950-1	CSA (Canada) : CSA C22.2 No. 60950-1
		TUV (Germany) : EN60950-1	TUV (Germany) : EN60950-1	TUV (Germany) : EN60950-1
		NEMKO (Norway) : EN60950-1	NEMKO (Norway) : EN60950-1	NEMKO (Norway) : EN60950-1
		KC (Korea) : K60950-1	KC (Korea) : K60950-1	KC (Korea) : K60950-1
	EMC	CCC (China) : GB4943.1-2011	CCC (China) : GB4943.1-2011	CCC (China) : GB4943.1-2011
		PSB (Singapore) : IEC60950-1	PSB (Singapore) : IEC60950-1	PSB (Singapore) : IEC60950-1
		GOST (Russia) : IEC60950-1, EN55022	GOST (Russia) : IEC60950-1, EN55022	GOST (Russia) : IEC60950-1, EN55022
		SIQ (Slovenia) : IEC60950-1, EN55022	SIQ (Slovenia) : IEC60950-1, EN55022	SIQ (Slovenia) : IEC60950-1, EN55022
		PCBC (Poland) : IEC60590-1, EN55022	PCBC (Poland) : IEC60590-1, EN55022	PCBC (Poland) : IEC60590-1, EN55022
Accessories	IP Rating	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
	Environment	Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries, External IR	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box

Specification

Model		UM55H-E	UM46N-E	VM46R-U
Panel	Diagonal Size	55	46	46
	Type	D-LED DID	D-LED DID	D-LED DID
	Resolution	1920x1080	1920 x 1080	1920 x 1080
	Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V)	0.53025mm(H) x 0.53025mm(V)	0.53025mm(H) x 0.53025mm(V)
	Active Display Area(mm)	1209.6 x 680.4mm	1018.08mm x 572.67mm	1018.08mm x 572.67mm
	Brightness	Max 500 cd/m2	Max 500 cd/m2	Max 500 cd/m2
	Contrast Ratio	4000:1	4000:1	3500:1
	Viewing Angle(H/V)	178/178	178/178	178/178
	Response Time(G-to-G)	8ms	8ms	8ms
	Display Colors	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Color Gamut	72%	72%	72%
	Operation Hour	24/7	24/7	24/7
	Haze	25% (Outer Haze 23%)	25% (Outer Haze 23%)	25% (Outer Haze 23%)
	Dynamic C/R	MEGA DCR	MEGA DCR	MEGA DCR
Display	H/V-Scanning Frequency	30kHz ~ 81kHz / 48Hz ~ 75Hz	30kHz ~ 81kHz / 48Hz ~ 75Hz	30kHz ~ 81kHz / 48Hz ~ 75Hz
	Maximum Pixel Frequency	148.5MHz	148.5MHz	148.5MHz
Sound	Speaker Type		N/A	N/A
			N/A	N/A
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port 1.2	Display Port 1.2
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo mini Jack	N/A
	OUTPUT	USB	Only F/W upgrade	USB 2.0 x1
		RGB	DP1.2(Loop-out)	HDMI (Loop-out)
		VIDEO	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack
	EXTERNAL CONTROL		RS232C(in/out), RJ45	RS232C(in/out), RJ45
	EXTERNAL SENSOR		Detachable type(IR)	Detachable type(IR)
Power	Tuner		N/A	N/A
	Type		Internal	Internal
	Power Supply		AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz	AC 100 ~ 240 V ~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	143	143
		Typical[W/h]	120	96
		BTU(Max)	1013	488
		Sleep Mode	less than 0.5W	less than 0.5W
Mechanical Spec	Dimension (WxHxD, mm)	Set	1211.6 x 682.4 x 96.3	1020.0 x 574.6 x 96.3
		Package	1355 x 809 x 320	1153 x 724 x 295
	Weight (kg)	Set / Package	21.0 / 28.2	15.9 / 21.7
	VESA Mount (mm)		600 x 400	600 x 400V
	Protection Glass		N/A	N/A
	Stand Type		N/A	N/A
	Bezel Width (mm)		1.15 (U/L), 0.55 (R/B)	2.3 (U/L), 1.2 (R/B)
Operation	Operating Temperature		0°C ~ 40°C / 10~80%	0°C ~ 40°C / 10~80%
	Key		Ultra Narrow Bezel	Ultra Narrow Bezel
Feature	Key		ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 25%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(80hrs Clock Keeping)	ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 25%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Pivot Display, Image Rotation, Button Lock, HDMI Digital Daisy Chain(Supporting UHD Resolution, HDCP support, 3x3), Smart F/W update, Clock Battery(80hrs Clock Keeping)
	Special			
Internal Media Player	Embedded		No	No
	Operating System		N/A	N/A
Certification	Safety	UL (USA) : UL 60950-1	UL (USA) : UL 60950-1	UL (USA) : UL 60950-1
		CSA (Canada) : CSA C22.2 No. 60950-1	CSA (Canada) : CSA C22.2 No. 60950-1	CSA (Canada) : CSA C22.2 No. 60950-1
		TUV (Germany) : EN60950-1	TUV (Germany) : EN60950-1	TUV (Germany) : EN60950-1
		NEMKO (Norway) : EN60950-1	NEMKO (Norway) : EN60950-1	NEMKO (Norway) : EN60950-1
		KC (Korea) : K60950-1	KC (Korea) : K60950-1	KC (Korea) : K60950-1
	EMC	CCC (China) : GB4943.1-2011	CCC (China) : GB4943.1-2011	CCC (China) : GB4943.1-2011
		PSB (Singapore) : IEC60950-1	PSB (Singapore) : IEC60950-1	PSB (Singapore) : IEC60950-1
		GOST (Russia) : IEC60950-1, EN55022	GOST (Russia) : IEC60950-1, EN55022	GOST (Russia) : IEC60950-1, EN55022
		SIQ (Slovenia) : IEC60950-1, EN55022	SIQ (Slovenia) : IEC60950-1, EN55022	SIQ (Slovenia) : IEC60950-1, EN55022
		PCBC (Poland) : IEC60590-1, EN55022	PCBC (Poland) : IEC60590-1, EN55022	PCBC (Poland) : IEC60590-1, EN55022
Accessories	IP Rating	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
	Environment	Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries, External IR	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box
		Signage player box	SBB(Slide In), Signage player box	SBB(Slide In), Signage player box

Stretched display

Maximizing space efficiency

SHR Series

Features



Wide screen (16:4.5)

Offer the ability to effectively communicate information in small, narrow spaces.



700 nit brightness

Boast eye-catching content in optimal brightness without obstructing movement of human traffic.



Non-glare panel

Ensure better visibility regardless of any light in the room.



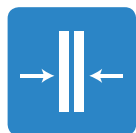
24/7 operation

Deliver consistent messages with 24/7 performance.



Embedded media player

Enable efficient and seamless content playback without any external media player.



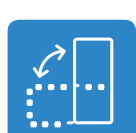
Slim design

Allow you to maximize available space, featuring a slim profile with a depth of only 44.8mm.



UHD daisy chain

Easily display and manage UHD content with HDMI Loop out and USB playback.



Pivot functionality

Support landscape and portrait modes for greater flexibility.

Specification

Model			SH37R
Panel	Diagonal Size		37
	Type		60Hz E-LED BLU
	Resolution		1920x540
	Pixel Pitch(mm)		0.47(H) x 0.47(V)
	Active Display Area(mm)		904.32 (H) x 254.34 (V)
	Brightness(Typ.)		700nit
	Contrast Ratio(Typ.)		4000:1
	Viewing Angle(H/V)		178/178
	Response Time(G-to-G)		6.5ms
	Display Colors		8bit - 16.7M
	Color Gamut		72%
	Operation Hour		24/7
	Haze		28%
	Display	Dynamic C/R	
H/V-Scanning Frequency		33.6 ~ 36.6kHz / 47 ~ 63Hz	
Maximum Pixel Frequency		48MHz	
Sound	Speaker Type		N/A
Connectivity	INPUT	RGB	Display Port 1.2
		VIDEO	HDMI 2.0 (2)
		HDCP	HDCP 2.2
		AUDIO	N/A
		USB	USB 2.0 x1
		RGB	HDMI 2.0 (1)
	OUTPUT	VIDEO	N/A
		AUDIO	Stereo mini Jack
	EXTERNAL CONTROL		RS232C(in/out), RJ45
	EXTERNAL SENSOR		IR
Tuner		N/A	
Type		Internal	
Power	Power Supply		AC 100 - 240 V- (+/-10 %), 50/60 Hz
	Power Consumption	Max[W/h]	70
		Typical[W/h]	52
		BTU(Max)	239
		Sleep mode	less than 0.5W
Mechanical Spec	Dimension (WxHxD, mm)	Set	923.3 X 277.6 X 44.8
		Package	1112 x 363 x 122
	Weight (kg)	Set / Package	6.3 / 8.8
	VESA Mount (mm)		400 x 200
	Protection Glass		N/A
	Stand Type		N/A
Bezel Width (mm)		7.9 (Side), 9.8 (Top/Bottom)	
Operation	Operating Temperature / Humidity		0°C ~ 40°C / 10~80%
Special Feature	Special Feature	H/W	Temperature Sensor, Portrait Installation support, Clock Battery(168hrs Clock Keeping),Video Wall Daisy Chain(HDCP2.2+4EA,HDCP1.4+7EA), Shock and Vibration certificated(IEC 61373), WiFi Module Embedded
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)
	Internal Media Player	Embedded	
Operating System		Tizen 4.0 (VDLinux)	
Certification	SSSP		MagiInfo Player S6, SSSP 6.0
	Safety	CB (Europe) : IEC60950-1/EN60950-1, CCC (China) : GB4943.1-2011	
		PSB (Singapore) : PSB+IEC60950-1, NOM (Mexico) : NOM-001-SCFI-1993, IRAM (Argentina) : IRAM+IEC60950-1	
		SASO (Saudi Arabia) : SASO+IEC60950-1, BIS(India) : IEC60950-1	
		IS13252, NOM(Mexico) : Tuner : NOM-001-SCFI-1993	
		Tunerless : NOM-019-SCFI-1998, KC(Korea) : K 60950-1	
		EAC(Russia) : EAC+IEC60950-1, INMETRO(Brazil) : INMETRO+IEC60950-1, BSMI(Taiwan) : BSMI+IEC60950-1	
		RCM(Australia) : IEC60950-1/AS/NZS 60950-1	
	EMC	UL(USA) : cUL60950-1, CSA(Canada) : cUL	
		TUV (Germany) : CE, NEMKO (Norway) : CE	
		FCC (USA) Part15, Subpart B Class A	
		CE (Europe) : EN55022-2006+A1-2007	
		EN55024-1998+A1-2001+A2-2003	
		VCCI (Japan) : VCCI V-3 / 2010.04 Class A	
KCC/EK (Korea) : Tuner : KN13 / KN20, Tunerless : KN22 / KN24			
Environment	BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital)		
	C-Tick (Australia) : AS/NZS CISPR22:2009		
	CCC(China) : GB9254-2008, GB17625.1-2012		
	GOST(Russia)/CIS : GOST R 51317 Series, GOST 22505-97		
EN55022-2006+A1-2007, EN55024-1998+A1-2001+A2-2003			
Accessories	Included	QSG, Warranty Card, Power Cord, Batteries, Remote Control, External remote control sensor(IR)	

Small display

Compact, versatile solution

QBR/QBR-T Series

Features



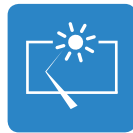
FHD resolution

Support 1920 x 1080 FHD resolution, displaying crisp and easy-to-read content.



Touch functionality*

10-point multi-touch and fast response time powers an intuitive interface.



Non-glare panel

Ensure better visibility regardless of any light in the room.



16/7 operation

Ensure reliable operation for professional use.



Embedded media player

Enable efficient and seamless content playback without any external media player.



Slim, smart design

Allow for efficient space utilization, even in compact locations – both wall mounting and simply standing.



Center IR, built-in Wi-Fi

Allow easy and convenient remote control even with a tailored installation.



Secured by Knox

Restrict access to content and hardware through rigid 3-layer security platform.

Specification

Model		QBR3R	QBR3R-T
Panel	Diagonal Size	13	13
	Type	Edge LED	Edge LED
	Resolution	1920 x 1080	1920 x 1080
	Pixel Pitch (mm)	0.153 x 0.153	0.153 x 0.153
	Active Display Area	293.76 (H) x 165.24 (V)	293.76 (H) x 165.24 (V)
	Brightness(Typ.)	300	300(w/o Glass), 250(w/ Glass)
	Contrast Ratio (Typ.)	800:1	600:1
	Viewing Angle(H/V)	178/178	178/178
	Response Time (G to G)	8ms(Typ.)	8ms(Typ.)
	Display Colors	16.7 M (real 6bit, dither 8bit)	16.7 M (real 6bit, dither 8bit)
	Color Gamut	45%	45%
	Operation Hour	16/7	16/7
	Haze	10%	10%
	Dynamic C/R	MEGA	MEGA
Display	H/V-Scanning Frequency	30 ~ 81kHz / 48 ~ 75Hz	30 ~ 81kHz / 48 ~ 75Hz
	Maximum Pixel Frequency	594MHz	594MHz
Sound		Speaker Type	Built in Speaker(5W)
Connectivity	INPUT	RGB	N/A
		VIDEO	HDMI 1.4 (1)
		HDCP	HDCP 2.2
		AUDIO	N/A
	OUTPUT	USB	USB 2.0 x1
		RGB	N/A
		VIDEO	N/A
		AUDIO	Stereo Mini Jack
	Power Out	Power Out	N/A / Touch Out - x1
		EXTERNAL CONTROL	RS232C(in) thru stereo jack, RJ45
		EXTERNAL SENSOR	N/A
		Tuner	N/A
Power	Type	Adapter	Adapter
		Power Supply	AC100 ~ 240 V- (+/-10 %), 50/60 Hz
	Power Consumption	Max[W/h]	275
		Typical[W/h]	13
		Rating[W/h]	25
		BTU(Max)	93.8
	Sleep mode	Off mode	0.5
		Off mode	N/A
Mechanical Spec	Dimension (WxHxD, mm)	Set	322.0x193.5x28.2
		Package	376x132x248
	Weight (kg)	Set / Package	0.9 / 1.7
	VESA Mount (mm)	100 x 100	100 x 100
	Protection Glass	N/A	N/A
	Stand Type	Bar Type Simple Stand (Inbox)	Bar Type Simple Stand (Inbox)
Operation	Operating Temperature / Humidity		0°C ~ 40°C / 10~80%
	Special Feature		Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(5W 1ch), IPSx Rating, Wi-Fi 10 Point Touch(Max)
Internal Media Player	Embedded	Operating System	Tizen 4.0 (VDLinux)
		SSSP	Maginfo S6, SSSP 6.0
	Safety	EMC	Class B
		Environment	ENERGY STAR 8.0, Epeat
Accessories	Included	Security	802.1x(WPA2 Enterprise) (201-)
		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries, Bar Type Simple Stand	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries, Bar Type Simple Stand, USB Cable

* Touch functionality is only available on QBR-T series.



Features



Deep black

Black Seal technology delivers deep black levels for intense contrast and immaculate detail.



Pure colors

Ultra Chroma technology results in higher color purity for more precise and accurate color presentation.



AI upscaling

Quantum Processor Flex upscales content to the optimal resolution for the screen size.



Quantum HDR

Render optimum peak brightness and contrast in every single scene for precise, true-to-life imagery.



Infinity design

A slim, bezel-less design seamlessly blends into its surroundings and a modular form factor gives freedom to make optimal use of any space.



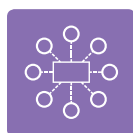
Mission critical reliability**

Ultimate redundancy through off-board power supply for mission-critical markets including broadcast and control room.



Total user experience

Become a digital canvas to watch your favorites and exhibit your personal style.



Total solution

Experience the all-around greatness of The Wall with the capability to create an integrated ecosystem.

* Some features may vary by models.

** Off-board power is optional and available with a specialized model when needed.

Specification

Model		IW008R	IW008J	IW012J	IW016J
Physical Parameters	Pixel Pitch	0.84 mm	0.84 mm	1.26 mm	1.68 mm
	Configuration (LxH, per cabinet)	960 x 540 pixels	960 x 540 pixels	640 x 360 pixels	480 x 270 pixels
	Dimensions (mm, LxHxD, per cabinet)	806.4 x 453.6 x 29.9 mm	806.4 x 453.6 x 72.2 mm	806.4 x 453.6 x 72.2 mm	806.4 x 453.6 x 72.2 mm
	Dimensions (inch, inch, per cabinet)	36.4 inch	36.4 inch	36.4 inch	36.4 inch
	Weight (per cabinet)	11.5 kg	12.5 kg	12.5 kg	12.5 kg
Optical Parameter	Brightness (Peak/Max)	2,000 nit / 250 nit	1,600 nit / 500 nit	1,600 nit / 800 nit	1,400 nit / 1,000 nit
	Bit Depth	16 bit (Internal processing 20bit)	16 bit (Internal processing 20bit)	Internal processing 20bit	Internal processing 20bit
Electrical Parameters	Video Rate	100/120 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
	Power Consumption - Max	464.8 (W/m ²) / 170 (W/Cabinet)	519 (W/m ²) / 190 (W/Cabinet)	849 (W/m ²) / 220 (W/Cabinet)	547 (W/m ²) / 200 (W/Cabinet)
	Power Consumption - Typ	410.1 (W/m ²) / 150 (W/Cabinet)	355 (W/m ²) / 130 (W/Cabinet)	656 (W/m ²) / 170 (W/Cabinet)	410 (W/m ²) / 150 (W/Cabinet)
	Heat Generation - Max	1399.6 (BTU/m ²) / 580.21 (BTU/Cabinet)	1,773 (BTU/m ²) / 649 (BTU/Cabinet)	2,897 (BTU/m ²) / 751 (BTU/Cabinet)	1,866 (BTU/m ²) / 683 (BTU/Cabinet)
	Heat Generation - Typ	1,213 (BTU/m ²) / 511.95 (BTU/Cabinet)	1,213 (BTU/m ²) / 444 (BTU/Cabinet)	1,586 (BTU/m ²) / 580 (BTU/Cabinet)	1,394 (BTU/m ²) / 512 (BTU/Cabinet)
	Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operation Conditions	Working Temperature/Humidity	0°C~+40°C / 10%~80%RH	0°C~+40°C / 10%~80%RH	0°C~40°C / 10~80%RH	0°C~40°C / 10~80%RH
	Storage Temperature/Humidity	-20°C~+45°C / 5%~95%RH	-20°C~+45°C / 5%~95%RH	-20°C~45°C / 5~95%RH	-20°C~45°C / 5~95%RH
	IP Rating	IP20	IP20	IP20	IP20
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Smart Function		Entertainment Mode, Ambient Mode, Apps (Netflix, YouTube, Apple TV, etc.), Bixby (Voice), SmartThings (IoT)	-	-	-
Certification		EMC Class B, Safety 60950-1	EMC Class B, Safety 60950-1	EMC Class B, Safety 60950-1	EMC Class B, Safety 60950-1
Service		Front	Front	Front	Front



Features



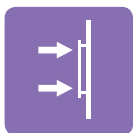
High brightness

Maintain optimal visibility with high brightness in bright and dark environments.



Accurate color expression

Deliver precise, detail-rich colors in low brightness indoor environments through a unique algorithm.



Hassle-free installation

A neat installation free of catwalk space, ensuring closer adherence to neighboring surfaces.



Centralized content delivery

Transmit UHD content across multiple displays with a single S-Box, helping you enjoy fast and cost-efficient operations.



LED HDR

Leverage advanced refinement technologies – Dynamic Peaking, Inverse Tone Mapping and Color Mapping – for true-to-life picture presentation.



Fine-tune uniformity

3-step calibration fine-tunes all sub-pixels for uniform brightness and color chromaticity.



Easy maintenance

More convenient, quick-turn maintenance through both front and rear service accessibility.



Management solution*

Enable you to manage content and devices anywhere via remote access, compatible with MagicINFO solution.

* Samsung's MagicINFO solution must be purchased separately.

Specification

Model		IF012J	IF015H	IF020H
Physical Parameter	Pixel Pitch	1.26 mm	1.5 mm	2.0 mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Configuration (LxH, per cabinet)	640 x 360 pixels	320 x 360 pixels	240 x 270 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
	Dimensions (mm, LxHxD, per cabinet)	806.4 x 453.6 x 76.7 mm	480 x 540 x 65 mm	480 x 540 x 65 mm
	Dimensions (inch, inchxD, per cabinet)	36.4 x 3.02 inch	28.5 x 2.56 inch	28.5 x 2.56 inch
	No. of Modules (WxH, per cabinet)	4 x 3	2 x 3	2 x 3
Optical Parameter	Weight (per cabinet/per m ²)	11.8 kg / 32.3 kg	5.8 kg / 22.4 kg	5.8 kg / 22.4 kg
	Brightness (Peak/Max) ⁽¹⁾	1,200 nit / 600 nit	1,600 nit / 800 nit	2,400 nit / 1,200 nit
	Contrast Ratio (Peak/Max) ⁽¹⁾	8,000:1 / 4,000:1	10,000:1 / 5,000:1	10,000:1 / 5,000:1
	Viewing Angle - Horizontal	160°	160°	160° (140° ⁽²⁾)
	Viewing Angle - Vertical	160°	160°	160° (140° ⁽²⁾)
	Bit Depth	16 bit (Internal processing 18bit)	16 bit (Internal processing 18bit)	16 bit (Internal processing 18bit)
	Color Temperature - Default	6,500K	6,500K	6,500K
Electrical Parameter	Color Temperature - Adjustable	2,800 ~ 10,000K (use S/BOX)	2,800 ~ 10,000K (use S/BOX)	2,800 ~ 10,000K (use S/BOX)
	Video Rate	50/60 Hz	50/60 Hz	50/60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
	Power Consumption - Max	711 (W/m ²) / 260 (W/Cabinet)	770 (W/m ²) / 200 (W/Cabinet)	695 (W/m ²) / 180 (W/Cabinet)
	Power Consumption - Typ	237 (W/m ²) / 87 (W/Cabinet)	258 (W/m ²) / 68 (W/Cabinet)	232 (W/m ²) / 60 (W/Cabinet)
	Heat Generation - Max (BTU/SF)	225 BTU/SF per hour	245 BTU/SF per hour	220 BTU/SF per hour
	Refresh Rate	3,840 Hz	1,920 Hz, 3,840 Hz Selectable	1,920 Hz, 3,840 Hz Selectable
Operation Conditions	Working Temperature/Humidity	0°C~40°C / 10~80%RH	0°C~40°C / 10~80%RH	0°C~40°C / 10~80%RH
	Storage Temperature/Humidity	-20°C~45°C / 5~95%RH	-20°C~45°C / 5~95%RH	-20°C~45°C / 5~95%RH
	IP Rating	IP20	IP20	IP20
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours
Certification		EMC Class B, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Service		Front ⁽³⁾ and Parts Rear ⁽⁴⁾	Front and Rear	Front and Rear
Package	Box Dimension (mm, LxHxD)	943 x 606 x 167 mm	606 x 667 x 179 mm	606 x 667 x 179 mm
	Box Volume (m ³)	0.095	0.073	0.073
	Package Weight (kg, per cabinet)	16.5 kg	9.1 kg	9.1 kg
Curve Installation	Concave	N/A	6000R	6000R
	Convex	N/A	N/A	N/A

(1) Peak value according to IDMS (Information Display Measurement Standard)

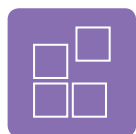
(2) 160°/160° or 140°/140° selectable by model

(3) Front Service : IFJ offers front service to power supply/main board on a cabinet level

(4) Parts Rear Service : IFJ's power supply/main board can be accessed from the rear



Features



Flexible design

Can be custom-fit with support for portrait, landscape, even curved and L-shaped installations.



High brightness

Maintain optimal visibility with high brightness in bright and dark environments.



Accurate color expression

Deliver precise, detail-rich colors in low brightness indoor environments through a unique algorithm.



Centralized content delivery

Transmit UHD content across multiple displays with a single S-Box, helping you enjoy fast and cost-efficient operations.

* Samsung's MagicINFO solution must be purchased separately.



Easier, cost-saving installation

Fewer cabinets and fewer frame kits are required to mount the displays to a wall.



LED HDR

Leverage advanced refinement technologies – Dynamic Peaking, Inverse Tone Mapping and Color Mapping – for true-to-life picture presentation.



Fine-tune uniformity

3-step calibration fine-tunes all sub-pixels for uniform brightness and color chromaticity.



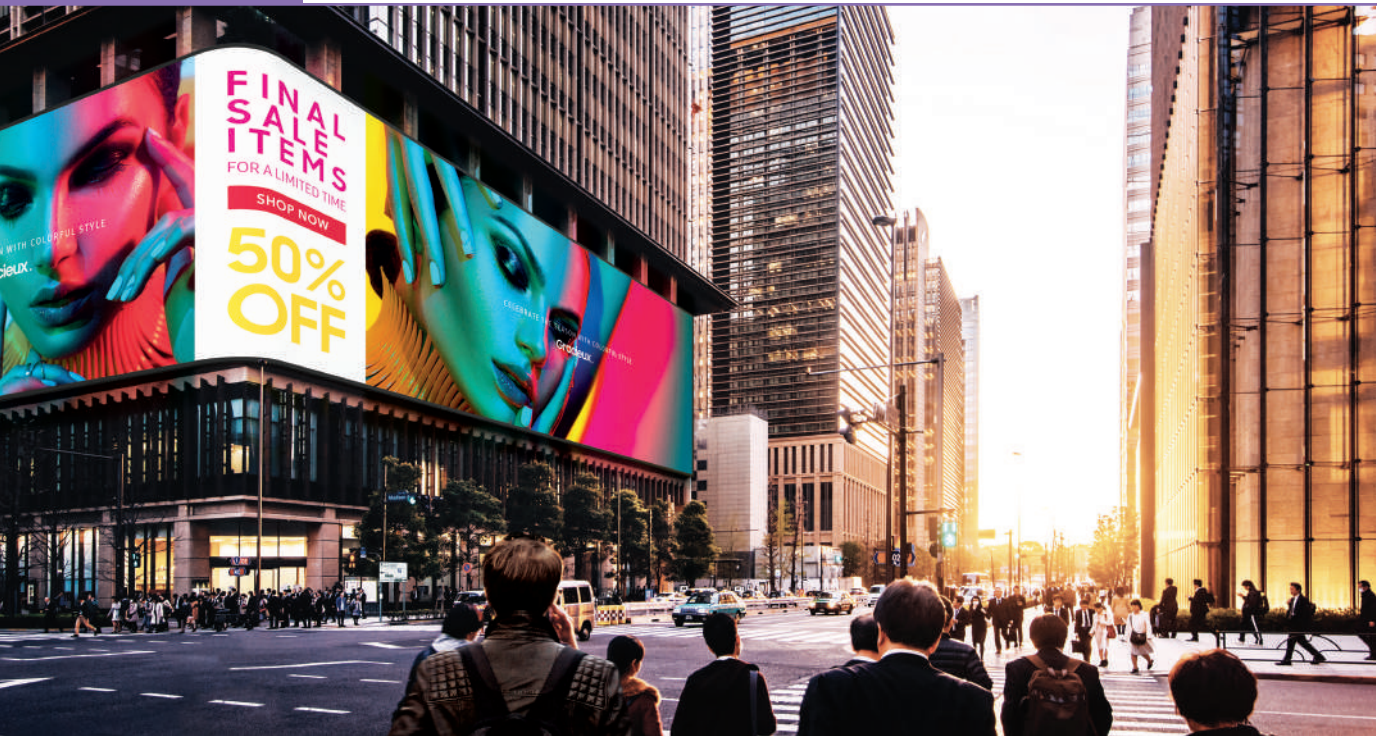
Management solution*

Enable you to manage content and devices anywhere via remote access, compatible with MagicINFO solution.

Specification

Model		IE025R	IE040R	IE025R-F	IE040R-F
Physical Parameter	Pixel Pitch	2.5 mm	4.0 mm	2.5 mm	4.0 mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Configuration (LxH, per cabinet)	384 x 216 pixels	240 x 135 pixels	96 x 216 pixels	60 x 135 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
	Dimensions (mm, LxHxD, per cabinet)	960 x 540 x 79.5 mm	960 x 540 x 79.5 mm	240 x 540 x 81 mm	240 x 540 x 81 mm
	Dimensions (inch, inchxD, per cabinet)	43.3 x 3.13 inch	43.3 x 3.13 inch	23.3 x 3.18 inch	23.3 x 3.18 inch
	No. of Modules (WxH, per cabinet)	4 x 3	4 x 3	1 x 3	1 x 3
Optical Parameter	Weight (per cabinet/per m ²)	10.8 kg / 20.8 kg	10.8 kg / 20.8 kg	3.2 kg / 24.7 kg	3.2 kg / 24.7 kg
	Brightness (Peak/Max) ⁽¹⁾	1,200 nit / 600 nit	1,200 nit / 600 nit	1,200 nit / 600 nit	1,200 nit / 600 nit
	Contrast Ratio (Typ)	3,000 : 1	4,000 : 1	3,000 : 1	4,000 : 1
	Viewing Angle - Horizontal	160°	160°	160°	160°
	Viewing Angle - Vertical	160°	160°	160°	160°
	Bit Depth	16 bit (Internal processing 18bit)	16 bit (Internal processing 18bit)	16 bit (Internal processing 18bit)	16 bit (Internal processing 18bit)
	Color Temperature - Default	6,500K	6,500K	6,500K	6,500K
Electrical Parameter	Color Temperature - Adjustable	2,800 ~ 10,000K (use S/BOX)	2,800 ~ 10,000K (use S/BOX)	2,800 ~ 10,000K (use S/BOX)	2,800 ~ 10,000K (use S/BOX)
	Video Rate	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
	Power Consumption - Max	289 (W/m ²) / 150 (W/Cabinet)	289 (W/m ²) / 150 (W/Cabinet)	386 (W/m ²) / 50 (W/Cabinet)	386 (W/m ²) / 50 (W/Cabinet)
	Power Consumption - Typ	96 (W/m ²) / 50 (W/Cabinet)	96 (W/m ²) / 50 (W/Cabinet)	128 (W/m ²) / 17 (W/Cabinet)	128 (W/m ²) / 17 (W/Cabinet)
	Heat Generation - Max (BTU/SF)	91.6 BTU/SF per hour	91.6 BTU/SF per hour	122.3 BTU/SF per hour	122.3 BTU/SF per hour
	Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Operation Conditions	Working Temperature/Humidity	0°C~40°C / 10~80%RH	0°C~40°C / 10~80%RH	0°C~40°C / 10~80%RH	0°C~40°C / 10~80%RH
	Storage Temperature/Humidity	-20°C~45°C / 5~95%RH	-20°C~45°C / 5~95%RH	-20°C~45°C / 5~95%RH	-20°C~45°C / 5~95%RH
	IP Rating	IP20	IP20	IP20	IP20
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Certification		EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Service		Front	Front	Front	Front
Package	Box Dimension (mm, LxHxD)	1,119 x 699 x 206 mm	1,119 x 699 x 206 mm	653 x 148 x 354 mm	653 x 148 x 354 mm
	Box Volume (m ³)	0.161	0.161	0.342	0.342
	Package Weight (kg, per cabinet)	16.5 kg	16.5 kg	4.9 kg	4.9 kg
Curve Installation	Concave	N/A	N/A	Yes (TBD)	Yes (TBD)
	Convex	N/A	N/A	Yes (TBD)	Yes (TBD)

(1) Peak Value according to IDMS (Information Display Measurement Standard)



Features

High brightness

Clearly visible in any weather or lighting conditions through 7,000 nit to 8,000 nit high brightness.

High refresh rate

The image does not stutter or cause distractions, ensuring viewers always have a smooth experience.

Rigorous performance testing

Rigorously tested against the elements to ensure the displays can withstand even the toughest environments.

IP66 rating

Perform correctly in outdoor settings, including dust and humidity that could affect the display.

Protection against fire

Advanced heat dissipation mechanism and double fire protection system to prevent fire.

Signal & control board redundancy

An issue with a single control board won't have an impact on the displayed content.

Power redundancy

Not affected by any power disruption as each unit is coupled with a back-up.

Customizable design

Curved walls, L-shaped or completely customized, you have endless options.

Specification

Model		XPR-S P6	XPR-S P8	XPR-S P10	XPR-S P16
Physical Parameter	Pixel Pitch	6.25mm	8.333mm	10.416mm	16.666mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Diode Density	25,600 m2	14,400 m2	9,216 m2	3,600 m2
	Configuration (LxH, per cabinet)	160x160 pixels	120x120 pixels	96x96 pixels	60x60 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Discrete lamp
	Dimensions (mm, LxHxD, per cabinet)	1000x1000x2677 mm	1000x1000x264.3 mm	1000x1000x264.0 mm	1000x1000x272.5 mm
	Dimensions (inch, inchxD, per cabinet)	55.7 x10.5 inch	55.7 x10.4 inch	55.7 x10.4 inch	55.7 x10.7 inch
	No. of Modules (WxH, per cabinet)	4 x 4	4 x 4	4 x 4	4 x 4
	Weight (per cabinet/per m²)	41 kg	41 kg	41 kg	41 kg
Optical Parameter	Cabinet Construction	Aluminum	Aluminum	Aluminum	Aluminum
	Brightness	8,000 nit	8,000 nit	8,000 nit	8,000 nit
	Contrast Ratio	8,000:1	8,000:1	8,000:1	8,000:1
	Viewing angle - Horizontal	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Viewing angle - Vertical	90° (+25/- 65°)	90° (+25/- 65°)	90° (+25/- 65°)	90° (+25/- 65°)
	Video Processing	24 bit, 100% digital	24 bit, 100% digital	24 bit, 100% digital	24 bit, 100% digital
	Color Processing	16 bit per color (48 bit total)	16 bit per color (48 bit total)	16 bit per color (48 bit total)	16 bit per color (48 bit total)
	Number of colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors
	Dimming Capability	256 levels of brightness	256 levels of brightness	256 levels of brightness	256 levels of brightness
Electrical Parameter	Color Wavelength	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm
	Color temperature (Default/Adjustable)	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K
	Video Rate / Animation Rate	60 frames per second	60 frames per second	60 frames per second	60 frames per second
	Input Power Range	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz
	Power consumption - Max	TBU	1000 (W/m²)	TBU	TBU
	Power consumption - Typ	TBU	270 (W/m²)	TBU	TBU
	Refresh rate	7680hz	7680hz	7680hz	7680hz
	Power Redundancy	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units
	Calibration White Point	D65 - 6500K	D65 - 6500K	D65 - 6500K	D65 - 6500K
Operation Conditions	Calibration Standards	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut
	Working Temperature	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)
	Cooling	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans
	IP Rating	Module IP68, Cabinet Front/Back IP66/IP66	Module IP68, Cabinet Front/Back IP66/IP66	Module IP68, Cabinet Front/Back IP66/IP66	Module IP68, Cabinet Front/Back IP66/IP66
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Certification	Monitoring function	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking
	Certification	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed
Service	Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service

Specification

Model		XPR-E P6	XPR-E P8	XPR-E P10	XPR-E P16	XPR-E P20
Physical Parameter	Pixel Pitch	6.25mm	8.333mm	10.416mm	16.666mm	20.833mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Diode Density	25,600 m ²	14,400 m ²	9,216 m ²	3,600 m ²	2,304 m ²
	Configuration (LxH, per cabinet)	160x160 pixels	120x120 pixels	96x96 pixels	60x60 pixels	48x48 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Discrete lamp	Discrete lamp
	Dimensions (mm, LxHxD, per cabinet)	1000x1000x267.7 mm	1000x1000x264.3 mm	1000x1000x264.0 mm	1000x1000x272.5 mm	1000x1000x274.5 mm
	Dimensions (inch, inchxD, per cabinet)	55.7 x 10.5 inch	55.7 x 10.4 inch	55.7 x 10.4 inch	55.7 x 10.7 inch	55.7 x 10.8 inch
	No. of Modules (WxH, per cabinet)	4 x 4	4 x 4	4 x 4	4 x 4	4 x 4
	Weight (per cabinet/per m ²)	41 kg	41 kg	41 kg	41 kg	41 kg
Optical Parameter	Cabinet Construction	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	Brightness	7000 nit	7000 nit	7000 nit	7500 nit	7500 nit
	Contrast Ratio	7000:1	7000:1	7000:1	7500:1	7500:1
	Viewing angle - Horizontal	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
	Viewing angle - Vertical	90° (+25/- 65°)	90° (+25/- 65°)	90° (+25/- 65°)	90° (+25/- 65°)	90° (+25/- 65°)
	Video Processing	24 bit, 100% digital	24 bit, 100% digital	24 bit, 100% digital	24 bit, 100% digital	24 bit, 100% digital
	Color Processing	16 bit per color (48 bit total)	16 bit per color (48 bit total)	16 bit per color (48 bit total)	16 bit per color (48 bit total)	16 bit per color (48 bit total)
	Number of colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors
	Dimming Capability	256 levels of brightness	256 levels of brightness	256 levels of brightness	256 levels of brightness	256 levels of brightness
Electrical Parameter	Color Wavelength	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm	red: 630nm, green: 530nm, blue: 468nm
	Color temperature (Default/Adjustable)	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K	6,500K / 4,500 - 9,000K
	Video Rate / Animation Rate	60 frames per second	60 frames per second	60 frames per second	60 frames per second	60 frames per second
	Input Power Range	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz	100/240 volts, 50/60 Hz
	Power consumption - Max	TBU	TBU	TBU	TBU	TBU
	Power consumption - Typ	TBU	TBU	TBU	TBU	TBU
	Refresh rate	7680hz	7680hz	7680hz	7680hz	7680hz
	Power Redundancy	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units	Load sharing between 4 Power Supply Units
	Calibration White Point	D65 - 6500K	D65 - 6500K	D65 - 6500K	D65 - 6500K	D65 - 6500K
Operation Conditions	Calibration Standards	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut	REC 709, REC 2020 or Max Gamut
	Working Temperature	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)
	Cooling	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans	Quiet running vent fans
	IP Rating	Module IP68, Cabinet Front/ Back IP66/IP66	Module IP68, Cabinet Front/ Back IP66/IP66	Module IP68, Cabinet Front/ Back IP66/IP66	Module IP68, Cabinet Front/ Back IP66/IP66	Module IP68, Cabinet Front/ Back IP66/IP66
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Certification	Monitoring function	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking	Temperature, module working, F/W version, webcam, interface status, power status, LOD, cal data on module, blanking
	Certification	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed	CE, UL / ULC listed
Service	Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service	Front Service and/or Rear Service

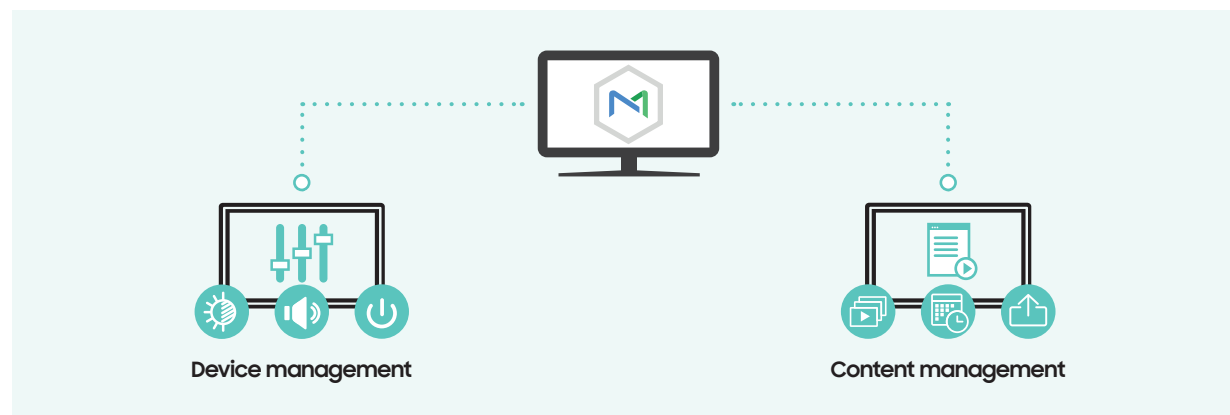
Manage your display devices and contents comprehensively

Samsung provides intuitive management solutions – MagicINFO and SSSP solution – that allow the users to have a great ability to manage and control all of the devices, creating and updating information easily and as needed.



What is MagicINFO solution?

Samsung's comprehensive MagicINFO platform can remotely manage both hardware and software through one single-point management system. With this solution, users can conveniently create, schedule and deploy content across its entire digital signage network. The solution is also compatible with a host of display types, ensuring the delivery of compelling content regardless of the operational framework.

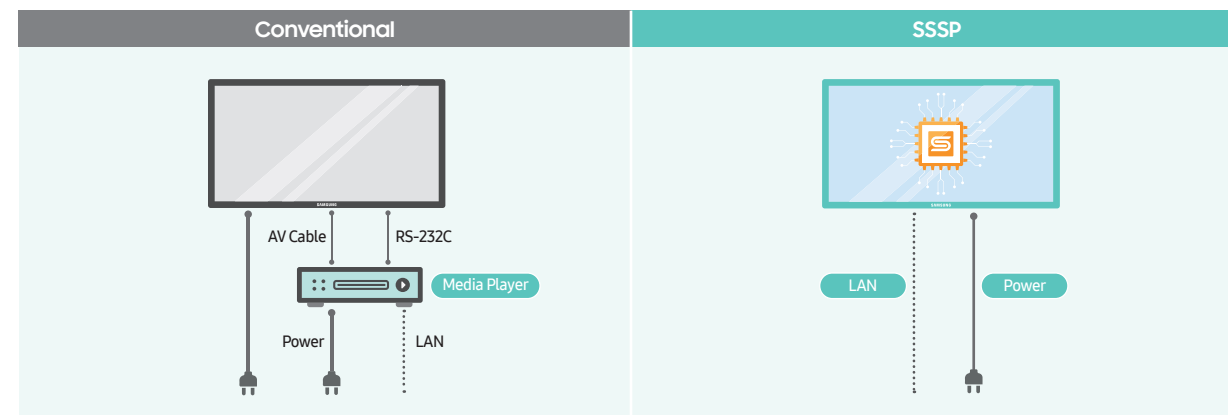


Features

- | | |
|---|---|
|  <p>Sync playlist
Sync content between displays to ensure seamless, simultaneous playback.</p> |  <p>Group & tag management
Efficiently schedule to deliver the right message, at the right time, by grouping or tagging content together.</p> |
|  <p>Back-up play
Prevent gaps in delivering essential content by transferring content to a secondary display if the main device is out of order.</p> |  <p>Remote control
Remote control of critical display settings from anywhere with an intuitive mirroring interface.</p> |
|  <p>Error detection
Provide real-time monitoring and information on how to fix various hardware and software errors.</p> |  <p>Powerful playback
Provide advanced graphic performance and showcase content in up to 8K quality.</p> |
|  <p>Content creation
Design content from a variety of supported templates and clip art, even adding widgets or QR codes.</p> |  <p>Real-time data
Create dynamic content and deliver up-to-date information that can change in real time.</p> |

What is SSSP solution?

SSSP, Samsung Smart Signage Platform, is an open source, all-in-one solution that is embedded in Samsung's SMART Signage. This robust platform is designed to give partners the freedom to create software on their Samsung displays. This solution eliminates the need for additional external hardware, allowing for greater efficiency and an overall lowered total cost of ownership.



Features

- | | |
|---|---|
|  <p>Versatile open platform
Enable partners to craft solutions that suit their operational needs and expand user scenarios.</p> |  <p>SDK/API functionality
Offer a Software Developer Kit(SDK) that allows partners to develop customized solutions using standard web API.</p> |
|  <p>High compatibility
Compatible with multiple web formats and standards, including HTML5 and ECMAScript 6.</p> |  <p>Powerful playback
Provide advanced graphic performance, showcasing content at a consistent UHD picture quality.</p> |
|  <p>3-layer protection
Protect vital applications and data through a reinforced, three-layer security system.</p> |  <p>Auto recovery
Automatically attempt to re-boot up to 5 times when applications shut down. If an issue persists, then backup content will run.</p> |
|  <p>Space saving
Save valuable space that would have otherwise been taken up by external equipment and messy cables.</p> |  <p>TCO saving
Eliminate purchase & maintenance costs of additional hardware and reduce energy consumption.</p> |

Features

**UHD upscaling**

Offer hotel guests the vivid picture quality of home entertainment systems on their in-room screens.

**HDR10+ support**

Deliver an optimal, detail-rich and memorable viewing experience, fine-tuning each frame within a given program.

**UHD dimming**

Allow guests to see more precise details, offering enhanced color, sharpness, and contrast level for optimized in-room viewing.

**Intuitive home UI**

Enable hotel managers to easily incorporate welcome messages to guests, hotel logos and branding, other useful information.

**Smart hub****

Enable efficient and seamless content playback without any external media player.

**Slim, sleek design**

Naturally fit into any hotel style and free up space to create a more harmonious room environment.

**One Remote**

Enjoy simple, intuitive control from One Remote that allows you to access all your content and connected devices in one place.

**Total solution**

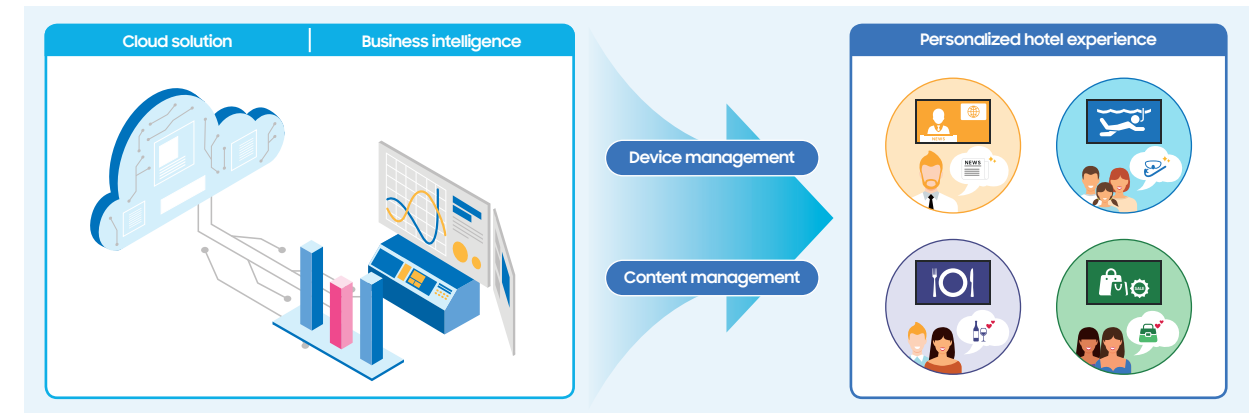
Enable hotel managers to manage content and devices efficiently, compatible with HMS and LYNK Cloud solution.

Specification

Model		HRU750
Display	Screen Size Option	43, 50, 55, 65, 75
	Backlight	LED
	Resolution	3840 x 2160
Video	Picture Engine	UHD Engine
	Micro Dimming	UHD Dimming
	Motion Rate	100
	PQI (Picture Quality Index)	1400
	Contrast	Mega Contrast
	Color	PurColor
	Viewing Angle (H/V)	178/178
Audio	Others	Auto Motion Plus, Film Mode, Natural Mode Support, HDR(High Dynamic Range), HDR10+, HLG (Hybrid Log Gamma), Contrast Enhancer
	Dolby Digital Plus	Yes
	Sound Output (RMS)	20W
	Speaker Type	2CH
Smart TV		Samsung SMART TV, TV Plus (DE only), Web Browser
Convergence		Mobile to TV - Mirroring, DLNA
Feature	Processor	Quad-Core
	General feature	Digital Clean View, Auto Channel Search, Auto Power Off, Caption (Subtitle), Connect Share™ (HDD/USB 2.0), EPG, Game Mode, USB HID Support, Teletext (TTX), MBR Support, IPv6 Support, Samsung LYNK™ HMS Compatibility, Hospitality Plug&Play (Easy Set-up), Power On Mode, Hotel Channel List, Channel Menu Display, Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog), My Channel, Energy Saving Mode (BLU Control), RJ12/IR Pass Through, TTX Clock Update (Analogue), USB Cloning, Wake-up Timer (Alarm), Samsung LYNK™ DRM, Security Mode
	Hospitality Feature	27 European Languages + Russian(only when connecting to Network in EE, LV, LT)
	OSD Language	DVB-T2CS2
System	Digital Broadcasting	DVB-T2CS2
	Analog Tuner	Yes
	CI (Common Interface)	CI+(1.4)
	Data Broadcasting	HbbTV 2.0.1(T,GB,DE)/HbbTV 1.5(CZ,SK,AT,FR,ES,EE,GR,SI,HR)/HbbTV 1.0(PL,HU,CH,BE,NL,LU,PT,DK)/MHEG 5(GB,IE)
Input & Output	HDMI (Side/Rear)	3
	USB (Side/Rear)	2
	Component In (Y/Pb/Pr) (Side/Rear)	1
	Composite In (AV) (Side/Rear)	1 (Common Use for Component Y)
	Ethernet (LAN) (Side/Rear)	Yes
	Digital Audio Out (Optical) (Side/Rear)	1
	RF In (Terrestrial / Cable input) (Side/Rear)	1/1(Common Use for Terrestrial)/1
	CI Slot (Side/Rear)	1
	HDMI A / Return Ch. Support	Yes
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes
Design	RJ12 (Side/Rear)	Yes
	Front Color	CHARCOAL BLACK
	Stand Type	SIMPLE LUMINUS
Eco	Bezel Type	VNB
	Eco Sensor	Yes
Accessory		Remote controller (including batteries), Power cable, Quick install guide, Data cable, Mini wall mount supported, Vesa wall mount supported

What is LYNK Cloud solution?

Samsung LYNK Cloud is a comprehensive hospitality cloud solution that not only provides powerful content and device management tools but also enables analysis of content use, to provide detailed insights for managers. This solution puts managers in complete control with insights allowing them to deliver more impactful promotional content to the right guests, ultimately leading to increased revenue.



Features

**Real-time monitoring**

Detect errors in real time and provide full visibility of guest activity to maintain efficient hotel operation.

**Easy content creation**

Support web-standard based content creation and powerful multimedia hosting.

**Personalized promotions**

Tailor the promotions based on guest demographics and interests, utilizing data analytics.

**Global support**

Provide centralized management tools and give access to displays located across the world.

**Optimum device control**

Control TV power, firmware update and display configuration settings remotely.

**Interactive service support**

Send real-time targeted messaging to individual guests for facilitated communication.

**Business intelligence**

Uncover valuable business insights by analyzing guest behavior and ultimately increase revenue.

**Cost-saving**

Reduce not only installation and maintenance costs of solution, but also labor costs.



Specification

Model	G9	G7 32"	G7 27"	T55 32"	T55 27"
Screen Size (Class)	49	32	27	32	27
Flat / Curved	Curved (1000R)	Curved (1000R)	Curved (1000R)	Curved (1000R)	Curved (1000R)
Aspect Ratio	32:9	16:9	16:9	16:9	16:9
Panel Type	VA	VA	VA	VA	VA
Brightness (Typical / Peak)	600nit / 1000nit	350nit / 600nit	350nit / 600nit	250nit	250nit
Contrast Ratio (Typical)	2500:1	2500:1	2500:1	3000:1	3000:1
Resolution	5120x1440	2560x1440	2560x1440	1920x1080	1920x1080
Refresh Rate	240Hz	240Hz	240Hz	75Hz	75Hz
Key Features	QLED, 1ms Response Time, G-sync compatible, AMD Freesync2	QLED, 1ms Response Time, G-sync compatible, AMD Freesync2	QLED, 1ms Response Time, G-sync compatible, AMD Freesync2	AMD FreeSync, Eye Saver Mode, Flicker Free	AMD FreeSync, Eye Saver Mode, Flicker Free
Connectivity	1 HDMI, 2 DP	1 HDMI, 2 DP	1 HDMI, 2 DP	1 HDMI, 1 DP, 1 D-SUB	1 HDMI, 1 DP, 1 D-SUB
Stand Type	HAS	HAS	HAS	Simple	Simple

Features

- 1000R

Curved screen

Reduce eye strain and physical discomfort, preventing excessive movement when viewing content.

TÜVRheinland

CERTIFIED

TUV certified eye comfort

TUV Rheinland tested the performance on reducing picture distortion and increasing eye comfort.

← →

Ultra-wide screen

The panoramic viewing surface can display more document at once without the need to scroll or zoom.

A B

Multi-tasking features

PBP, PIP and Easy Setting Box allow for screen split for optimal multi-tasking.

↺ ↻

Ergonomic design

Support HAS, swivel and tilt for you to see your work any way you want.

🌐

Complete connectivity

A full lineup of ports brings you the complete connectivity you need in today's working environment.

🌟

QLED

Achieve a new level of vibrant resolution by QLED's bright and realistic shades and hues.

240hz

240hz refresh rate

Maximize productivity when working with photo and video files, ensuring smoother display and playback.

* Some features may vary by models.

38

39



Features



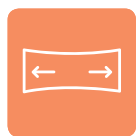
Curved screen

Reduce eye strain and physical discomfort, preventing excessive movement when viewing content.



TUV certified eye comfort

TUV Rheinland tested the performance on reducing picture distortion and increasing eye comfort.



Ultra-wide screen

The panoramic viewing surface can display more document at once without the need to scroll or zoom.



Clean cable management

Eliminate the clutter and inconveniences of traditional dual monitor setups.



Multi-tasking features

PBP, PIP and Easy Setting Box allow for screen split for optimal multi-tasking.



DEX Station compatibility

Simply hook up your Galaxy mobile phone** with Samsung DEX Station to manage all your mobile content.



Built-in KVM switch

Let you control two computers connected to the monitor using just one keyboard and mouse.



WQHD resolution

Provide enhanced visual clarity and detail-rich images with 3,440 x 1,440 WQHD resolution.

* Some features may vary by models.

** Galaxy S8 or later models are supported.

Specification

Model		CJ89 49"	CJ89 43"	CH89 34"	CJ79 34"
Display	Screen Size (Class)	49	43	34	34
	Flat / Curved	Curved (1800R)	Curved (1800R)	Curved (1800R)	Curved (1500R)
	Aspect Ratio	32:9	32:10	21:9	21:9
	Panel Type	VA	VA	VA	VA
	Brightness (Typical)	300cd/m2	300cd/m2	300cd/m2	300cd/m2
	Contrast ratio (Typical)	3000:1	3000:1	3000:1	3000:1
	Resolution	3840x1080	3840x1200	3440x1440	3440x1440
	Response Time	5ms (GTG)	5ms (GTG)	4ms (GTG)	4ms (GTG)
	Viewing Angle (H/V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
	Color Support	16.7M	16.7M	16.7M	16.7M
General	Color Coverage	N/A	N/A	N/A	DCI 92%, sRGB 125%(Typ.), Adobe RGB 92%
	Refresh Rate	144Hz	120Hz	100Hz	100Hz
	Eco Saving Plus / Smart Eco Saving	○	○	○	○
	Eye Saver Mode	○	○	○	○
	Flicker Free	○	○	○	○
	Picture-In-Picture	○	○	○	○
	Picture-By-Picture	○	○	○	○
	QLED	N/A	N/A	N/A	○
	Daisy Chain	N/A	N/A	N/A	○ (Thunderbolt)
	Easy Setting Box	○	○	○	○
Interface	Windows Certification	Windows 10	Windows 10	Windows 10	Windows 10
	AMD FreeSync™	N/A	N/A	○	○
	Speaker	○	○	N/A	○
	D-Sub	N/A	N/A	N/A	N/A
	Dual Link DVI	N/A	N/A	N/A	N/A
	Display Port	1	1	1	1
	Display Port Version	1.2	1.2	1.2	1.2
	Display Port Out	N/A	N/A	N/A	N/A
	Mini-Display Port	N/A	N/A	N/A	N/A
	HDMI	1	1	1	1
Design	HDMI Version	2.0	2.0	2.0	2.0
	Audio In	N/A	N/A	N/A	N/A
	Headphone	○	○	○	○
	USB Ports	3	3	3	2
	USB Hub Version	3.0	3.0	2.0x2,3.0x1	3.0
	USB-C	2	2	1	N/A
	Thunderbolt 3	N/A	N/A	N/A	2 (85W/15W)
	Stand Type	HAS	HAS	HAS	HAS
	HAS(Height Adjustable Stand)	120.0 ± 5.0 mm	120.0 ± 5.0 mm	135.0 ± 5.0 mm	100.0 ± 5.0 mm
	Tilt	-2.0° (±2.0°) ~ +15.0° (±2.0°)	-2.0° (±2.0°) ~ +17.0° (±2.0°)	-5.0° (±2.0°) ~ +24.0° (±2.0°)	HAS TOP : -14° (±4°) ~ +22° (±4°), HAS DOWN : -2° (±4°) ~ +34° (±4°)
Power	Wall Mount	100 x 100	100 x 100	100 x 100	100 x 100
	Set Dimension with Stand (WxHxD)	1203.0 x 525.5 x 381.6 mm	1062.7 x 524.6 x 314.4 mm	811.4 x 538.9 x 298.6 mm	808.7 x 516.0 x 309.4 mm
	Set Weight with Stand	15.1 kg	13.0 kg	8.3 kg	7.7 kg
	Power Supply	AC100~240V	AC100~240V	AC100~240V	AC100~240V
	Power Consumption (Off Mode)	Less than 0.3 W	Less than 0.3 W	Less than 0.3 W	Less than 0.3 W
Type		Internal Power	Internal Power	Internal Power	External Adaptor



Features



Wide workspace

Deliver more screen space, allowing you to view documents and webpages with less scrolling.



PIP sub-screen function

Eliminate the need for multiple monitors and allow multitasking on a single screen.



USB Type-C connectivity**

Reduce cable clutter, enabling you to power, send data and display signals between devices with a single-cable.



Daisy Chain

Allow extension and replication in multi-monitor settings with just a single DP cable connection.



UHD resolution

Provide higher readability, displaying crisp and clear images or text with much greater sharpness.



PBP dual-screen function

Let you connect to two different devices at the same time while maintaining the original image quality.



USB 3.0 ports

Besides a dedicated USB type-C, you can also use the USB 3.0 ports for multiple peripherals without extra hubs.



Ergonomic design

Support HAS, swivel, tilt and pivot for you to see your work any way you want.

Specification

Model		UH85	SH85 27"	SH85 24"	UE85
Display	Screen Size (Class)	32	27	24	28
	Flat / Curved	Flat	Flat	Flat	Flat
	Aspect Ratio	16:9	16:9	16:9	16:9
	Panel Type	VA	PLS	PLS	TN
	Brightness (Typical)	250cd/m2	350cd/m2	300cd/m2	370cd/m2
	Contrast ratio (Typical)	3000:1	1000:1	1000:1	1000:1
	Resolution	3840x2160	2560x1440	2560x1440	3840x2160
	Response Time	4ms (GTG)	4 ms (GTG)	5ms (GTG)	1ms (GTG)
	Viewing Angle (H/V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	170°(H)/160°(V)
	Color Support	1.07B	1.07B	16.7M	1.07B
General	Color Coverage	sRGB 125%(Typ.)	N/A	N/A	N/A
	Refresh Rate	60Hz	60Hz	60Hz	60Hz
	Eco Saving Plus / Smart Eco Saving	○	○	○	○
	Eye Saver Mode	○	○	○	○
	Flicker Free	○	○	○	○
	Picture-In-Picture	○	○	○	○
	Picture-By-Picture	○	○	○	○
	QLED	N/A	N/A	N/A	N/A
	Daisy Chain	N/A	○	○	N/A
	Easy Setting Box	○	○	○	○
Interface	Windows Certification	Windows 10	Windows 10	Windows 10	Windows 10
	AMD FreeSync™	○	○	○	○
	Speaker	N/A	N/A	N/A	N/A
	D-Sub	N/A	N/A	N/A	N/A
	Dual Link DVI	N/A	N/A	N/A	N/A
	Display Port	1	1	1	1
	Display Port Version	1.2	1.2	1.2	1.2
	Display Port Out	N/A	1	1	N/A
	Mini-Display Port	1	N/A	N/A	1
	HDMI	2	1	1	2
Design	HDMI Version	2.0x1, 1.4x1	1.4	1.4	2.0x1, 1.4x1
	Audio In	N/A	N/A	N/A	1
	Headphone	○	○	○	○
	USB Ports	4	3	3	4
	USB Hub Version	3.0	2.0	2.0	3.0
	USB-C	N/A	1	1	N/A
	Thunderbolt 3	N/A	N/A	N/A	N/A
	Stand Type	HAS	HAS	HAS	HAS
	HAS (Height Adjustable Stand)	0~135.0mm(±5.0mm)	135.0 ± 5.0 mm	135.0 ± 5.0 mm	130±3mm
	Tilt	-5.0°(±2.0°)~ +24.0°(±2.0°)	-5.0°(±2.0°) ~ +24.0°(±2.0°)	-5.0 (±2.0°) ~ +24.0° (±2.0°)	-5°(±2) to +22°(-1.5°~+2.0°)
Power	Wall Mount	100 x100	100 x100	100 x100	100 x100
	Set Dimension with Stand (WxHxD)	731.1 x 620.0 x 298.6 mm	611.9 x 543.7 x 236.0 mm	540.4 x 523.1 x 236.0 mm	661.1 x 551.5 x 260.6 mm
	Set Weight with Stand	8.8 kg	8.0 kg	6.4 kg	7.4 kg
	Power Supply	AC100~240V	AC100~240V	AC100~240V	AC100~240V
Power	Power Consumption (Off Mode)	Less than 0.3W	Less than 0.3 W	Less than 0.3 W	Less than 0.3W
	Type	Internal Power	Internal Power	Internal Power	Internal Power

* Some features may vary by models.

** Depending on your monitor and power requirements, it may not support charging.



Features



Minimal bezel

Show you the full picture and look almost gapless when used in a dual-monitor setup.



Wide viewing angle

Allow you to see accurate tones and shades from 178° all around, with no color washing.



Eye Saver Mode

Reduce eye strain for heightened concentration by minimizing blue light emissions.



Ergonomic design

Support HAS, swivel, tilt and pivot for you to see your work any way you want.



IPS panel

Preserve color vividness and clarity across every inch of the screen.



Complete connectivity

A full lineup of ports brings you the complete connectivity you need in today's working environment.



Flicker Free

Remove tiring and irritating screen flickering for a more comfortable viewing experience.



Smart Eco Saving

Achieve power-consumption reductions of up to 10% while maintaining picture quality.

* Some features may vary by models.

Specification

Model		SR65 27"	SR65 24"	SH65 27"	SH65 24"
Display	Screen Size (Class)	27	24	27	24 (24W)
	Flat / Curved	Flat	Flat	Flat	Flat
	Aspect Ratio	16:9	16:9	16:9	16:10
	Panel Type	IPS	IPS	PLS	PLS
	Brightness (Typical)	250cd/m2	250cd/m2	250cd/m2	250cd/m2
	Contrast ratio (Typical)	1000:1	1000:1	1000:1	1000:1
	Resolution	1920X1080	1920X1080	1920x1080	1920x1200
	Response Time	5ms (GTG)	5ms (GTG)	5ms (GTG)	4ms (GTG)
	Viewing Angle (H/V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
	Color Support	16.7M	16.7M	16.7M	16.7M
General	Color Coverage	N/A	N/A	N/A	N/A
	Refresh Rate	75Hz	75Hz	60Hz	60Hz
	Eco Saving Plus / Smart Eco Saving	○	○	○	○
	Eye Saver Mode	○	○	○	○
	Flicker Free	○	○	○	○
	Picture-In-Picture	N/A	N/A	N/A	N/A
	Picture-By-Picture	N/A	N/A	N/A	N/A
	QLED	N/A	N/A	N/A	N/A
	Daisy Chain	N/A	N/A	N/A	N/A
	Easy Setting Box	○	○	○	○
Interface	Windows Certification	Windows 10	Windows 10	Windows 10	Windows 10
	AMD FreeSync™	○	○	N/A	N/A
	Speaker	N/A	N/A	N/A	N/A
	D-Sub	1	1	1	1
	Dual Link DVI	N/A	N/A	N/A	N/A
	Display Port	1	1	1	1
	Display Port Version	1.2	1.2	1.2	1.2
	Display Port Out	N/A	N/A	N/A	N/A
	Mini-Display Port	N/A	N/A	N/A	N/A
	HDMI	1	1	1	1
Design	HDMI Version	1.4	1.4	1.4	1.4
	Audio In	○	○	N/A	N/A
	Headphone	○	○	○	○
	USB Ports	4	4	2	2
	USB Hub Version	2.0x2, 3.0x2	3.0x2, 2.0x2	2.0	2.0
	USB-C	N/A	N/A	N/A	N/A
	Thunderbolt 3	N/A	N/A	N/A	N/A
	Stand Type	HAS	HAS	HAS	HAS
	HAS (Height Adjustable Stand)	135.0 ± 5.0 mm	135.0 ± 5.0 mm	135.0 ± 5.0 mm	135.0 ± 5.0 mm
	Tilt	-5.0° (±2.0°) ~ +24.0° (±2.0°)	-5.0° (±2.0°) ~ +24.0° (±2.0°)	-5° (±2.0°) ~ +24° (±2.0°)	-5.0° (±2.0°) ~ +24.0° (±2.0°)
Power	Wall Mount	100 x 100	100 x 100	100 x 100	100 x 100
	Set Dimension with Stand (WxHxD)	612.3 x 539.0 x 238.0 mm	539.4 x 473.8 x 200.5 mm	629.8 x 549.6 x 236.0 mm	558.6 x 545.8 x 236.0 mm
	Set Weight with Stand	6.4 kg	5.1 kg	6.9 kg	6.7 kg
	Power Supply	AC100~240V	AC100~240V	AC100~240V	AC100~240V
	Power Consumption (Off Mode)	Less than 0.3 W	Less than 0.3 W	Less than 0.005W (0W mode)	Less than 0.005W (0W mode)
Type		Internal Power	Internal Power	Internal Power	Internal Power



Features



Space-saving design

Push back to sit flat against a back wall and leave your entire work surface clear, when not in use.



Stylish design

Offer an understated stylish solution for any workplace or home interior with a 3-sided bezel-less screen.



Adjustable eye level

Can be quickly and easily raised or lowered to the optimum viewing height for any user and any purpose.



Easy installation

Clamp-type stand allows for quick and easy installation.



Clean cable management

Keep your workspace clear and free from clutter by concealing cables in recessed chases.



Robust hinge

Assure smooth and precise screen positioning time after time, withstanding over 5,000 movements.



Multi-tasking features

PBP/PIP/Easy Setting Box allows for screen split for optimal multi-tasking.



144hz refresh rate*

Maximize productivity when working with photo and video files, ensuring smoother display and playback.

* 144hz refresh rate is only available on 27-inch model.

Specification

Model		SR75 32"	SR75 27"
Display	Screen Size (Class)	32	27
	Flat / Curved	Flat	Flat
	Aspect Ratio	16:9	16:9
	Panel Type	VA	VA
	Brightness (Typical)	250cd/m2	250cd/m2
	Contrast ratio (Typical)	2,500:1	3,000:1
	Resolution	3840x2160	2560x1440
	Response Time	4ms (GTG)	4ms (GTG)
	Viewing Angle (H/V)	178°(H)/178°(V)	178°(H)/178°(V)
	Color Support	1B	1B
General	Color Coverage	sRGB 100%(Typ.)	sRGB 100%(Typ.)
	Refresh Rate	60Hz	144Hz
	Eco Saving Plus / Smart Eco Saving	○	○
	Eye Saver Mode	○	○
	Flicker Free	○	○
	Picture-In-Picture	○	○
	Picture-By-Picture	○	○
	QLED	N/A	N/A
	Daisy Chain	N/A	N/A
	Easy Setting Box	○	○
Interface	Windows Certification	Windows 10	Windows 10
	AMD FreeSync™	○	○
	Speaker	N/A	N/A
	D-Sub	N/A	N/A
	Dual Link DVI	N/A	N/A
	Display Port	N/A	N/A
	Display Port Version	N/A	N/A
	Display Port Out	N/A	N/A
	Mini-Display Port	1 (1.2)	1 (1.2)
	HDMI	1	1
Design	HDMI Version	2.0	2.0
	Audio In	N/A	N/A
	Headphone	N/A	N/A
	USB Ports	N/A	N/A
	USB Hub Version	N/A	N/A
	USB-C	N/A	N/A
	Thunderbolt 3	N/A	N/A
	Stand Type	Dual Hinge	Dual Hinge
	HAS (Height Adjustable Stand)	0~184.7mm	0~213.9mm
	Tilt	N/A	N/A
Power	Wall Mount	N/A	N/A
	Set Dimension with Stand (WxHxD)	714.5 x 757.2 x 115.5 mm	614.8 x 730.3 x 115.5 mm
	Set Weight with Stand	7.0 kg	5.8 kg
	Power Supply	AC100~240V	AC100~240V
	Power Consumption (Off Mode)	Less than 0.3 W	Less than 0.3 W
Type		External Adaptor	External Adaptor