



A premium message deserves premium delivery.

QHR Series 4K High Brightness Digital Signage

Make sure your message is seen in the best possible light. The Samsung QHR series premium digital signage offers pristine, 4K resolution, stunning dynamic crystal color and an incredible 700 nits brightness. Even in bright ambient light, your messages will be clear, colorful and impossible to ignore. With intelligent UHD upscaling, all your content will look incredible. And all this exceptional technology is housed in an equally exceptional slim, symmetrical design, for simplified wall mounting and seamless installation.



Key Features

- 4K

Bright, 4K, Non-Glare Picture, 24/7

4K Ultra HD coupled with 700-nit brightness and a non-glare panel delivers true 4K color and clarity regardless of ambient light, 24/7.



Dynamic Crystal Color

Experience crystal-clear, lifelike color with up to a billion shades of color, 64 times more than conventional UHD displays.



Intelligent UHD Upscaling

Samsung's cutting-edge intelligent UHD upscaling technology performs edge restoration and noise reduction to deliver perfect UHD picture quality, even with lower resolution content.



Slim and Symmetrical Design

The all-new symmetrical design features a flat back and slim depth that simplify wall mounting and ensure a seamless installation.



Clean Cable Management

The back of the QHR series features stylish grooves that cables can be threaded through, keeping connections out of sight.



Powerful, All-in-One Solution

The embedded MagicINFO player S6, powered by the Tizen OS, allows for easy content management and playback without the need for a PC.



Cisco WebEx Room Kit Compatible

The QMR series is fully compatible with Cisco WebEx® Room Kit products. Together, they provide the ultimate conferencing solution.



MagicINFO

Our leading-edge digital signage platform makes content management easier, more flexible and more robust.*



Wi-Fi and Bluetooth Built In

Built-in Wi-Fi and Bluetooth allow for more personalized and interactive services, as well as simplifying how businesses showcase content.



3-Year Commercial Warranty

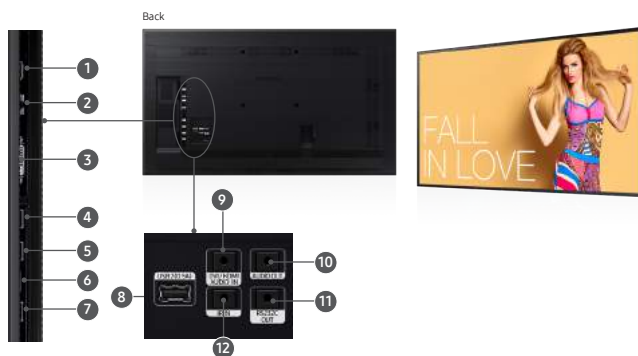
A 3-year warranty means extended peace of mind.

Samsung QHR Series Digital Signage

		QH43R	QH50R	QH55R	QH65R	QH75R
Panel	Screen Size	43"	50"	55"	65"	75"
	Panel Type	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU
	Resolution	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)
	Brightness (Typ.)	700 nits	700 nits	700 nits	700 nits	700 nits
	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)	16.7M (True Display)	16.7M (True Display)	16.7M (True Display)	16.7M (True Display)
	Color Gamut	1.07B (Dithered 10-bit)	1.07B (Dithered 10-bit)	1.07B (Dithered 10-bit)	1.07B (Dithered 10-bit)	1.07B (Dithered 10-bit)
	Operation Hour	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)
Panel Orientation	24 / 7	24 / 7	24 / 7	24 / 7	24 / 7	
Special Certifications	IP5X Rating	Yes	Yes	Yes	Yes	Yes
	Non-Glare Panel	Yes	Yes	Yes	Yes	Yes
	Cisco Compatible	Yes	Yes	Yes	Yes	Yes
Sound	Creston Certified	Yes	Yes	Yes	Yes	Yes
	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	DVI-D, DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)
	Video	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
	Audio	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI
Connectivity: Output	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
	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	Power Out	N/A	N/A	N/A	N/A	N/A
	USB	N/A	N/A	N/A	N/A	N/A
	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
Other Connectivity	Tuner	N/A	N/A	N/A	N/A	N/A
	Wi-Fi	Yes	Yes	Yes	Yes	Yes
	Bluetooth	Yes	Yes	Yes	Yes	Yes
Power/Operation	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 Consumption Max (Watts/Hr)	138	143	160	204	314
	Power Consumption Typical (Watts/Hr)	96	99	118	150	247
	Power Consumption Typical BTU (Max)	470.6	487.6	545.6	695.6	1070.7
	Power Consumption Typical Sleep Mode	0.5	0.5	0.5	0.5	0.5
	Power Consumption Typical Off Mode	N/A	N/A	N/A	N/A	N/A
Mechanical Specifications	Set Dimensions (mm / inches)	967.5 x 557.7 x 48.3mm / 38.1" x 21.9" x 1.9"	1121.4 x 643.9 x 46.3mm / 44.15" x 25.35" x 1.82"	1235.1 x 707.9 x 46.3mm / 48.6" x 27.9" x 1.8"	1453.9 x 831.0 x 46.3mm / 57.2" x 32.7" x 1.8"	1681.1 x 960.1 x 49.7mm / 66.2" x 37.8" x 1.9"
	Package Dimensions (mm / inches)	1095 x 676 x 151mm / 43.1" x 26.6" x 6.0"	1269 x 784 x 152mm / 49.96" x 30.87" x 5.98"	1402 x 858 x 163mm / 55.2" x 33.8" x 6.4"	1611 x 973 x 185mm / 63.4" x 38.3" x 7.3"	1871 x 1127 x 223mm / 73.7" x 44.4" x 8.8"
	Set Weight (kg / lbs.)	10kg / 22.0 lbs.	13.4kg / 29.54 lbs.	18.1kg / 39.9 lbs.	24.9kg / 54.9 lbs.	38.3kg / 84.4 lbs.
	Package Weight (kg / lbs.)	13.3kg / 29.3 lbs.	17.6kg / 38.0 lbs.	23.6kg / 52.0 lbs.	33.3kg / 73.4 lbs.	49kg / 108 lbs.
	VESA Mount	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
Environmental Conditions	Stand Type	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)
	Operating Temperature	32°F - 104°F / 0°C - 40°C	32°F - 104°F / 0°C - 40°C	32°F - 104°F / 0°C - 40°C	32°F - 104°F / 0°C - 40°C	32°F - 104°F / 0°C - 40°C
Special Features	Humidity	10-80%	10-80%	10-80%	10-80%	10-80%
	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi/BT
Internal Media Player	Software	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)
	Processor	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU
	On-Chip Cache Memory	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB
	Clock Speed	1.7GHz	1.7GHz	1.7GHz	1.7GHz	1.7GHz
	Main Memory Interface	2.5GB, LPDDR4 1.5GHz 64-bit	2.5GB, LPDDR4 1.5GHz 64-bit	2.5GB, LPDDR4 1.5GHz 64-bit	2.5GB, LPDDR4 1.5GHz 64-bit	2.5GB, LPDDR4 1.5GHz 64-bit
	Graphics	Graphic resolution: 1920x1080	Graphic resolution: 1920x1080	Graphic resolution: 1920x1080	Graphic resolution: 1920x1080	Graphic resolution: 1920x1080
	Storage (FDM)	Output resolution: 3840x2160 (Scale up from graphic processing result)	Output resolution: 3840x2160 (Scale up from graphic processing result)	Output resolution: 3840x2160 (Scale up from graphic processing result)	Output resolution: 3840x2160 (Scale up from graphic processing result)	Output resolution: 3840x2160 (Scale up from graphic processing result)
	Multimedia	8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
	IO Ports	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9
	Operating System	Audio Decoder: AC3 (DD), MPEG	Audio Decoder: AC3 (DD), MPEG	Audio Decoder: AC3 (DD), MPEG	Audio Decoder: AC3 (DD), MPEG	Audio Decoder: AC3 (DD), MPEG
Safety and Environmental Certifications	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	
Accessories	Operating System	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	SSSP - MagicInfo	SSSP - MagicInfo 6	SSSP - MagicInfo 6	SSSP - MagicInfo 6	SSSP - MagicInfo 6	SSSP - MagicInfo 6
	Safety	60950-1	60950-1	60950-1	60950-1	60950-1
Service	EMC	Class B	Class B	Class B	Class B	Class B
	Environment	TBD	TBD	TBD	TBD	TBD
Service	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	Optional Stand	STN-L4355F	STN-L4355F	STN-L4355F	N/A	N/A
	Optional Mount	WMN40705E	WMN40705E	WMN40705E	WMN42775E	WMN42775E, WMN65755E
Standard Warranty	3 Years Parts / Labor	3 Years Parts / Labor	3 Years Parts / Labor	3 Years Parts / Labor	3 Years Parts / Labor	

Connectivity

1. USB1 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In1 (ARC)
6. HDMI In 2 (Daisy Chain In)
7. DP In (Daisy Chain In)
8. USB 2 (0.5A)
9. DVI / HDMI Audio In
10. Audio Out
11. RS232C Out
12. IR In



ProCare

Samsung ProCare Indoor Display Solutions

- Fast Track with White Glove Next Business Day¹ Service
 - Includes tech-assisted exchange of display: Technician removes original unit, installs replacement and ships non-working unit to Samsung
- Fast Track Next Business Day Exchange
 - Return shipping label provided, customer returns original unit in new unit's box
- Available on sizes 32"-85"
- 3-5 year terms available

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