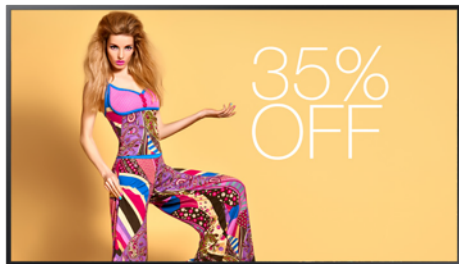




## A premium message deserves premium delivery.

### 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

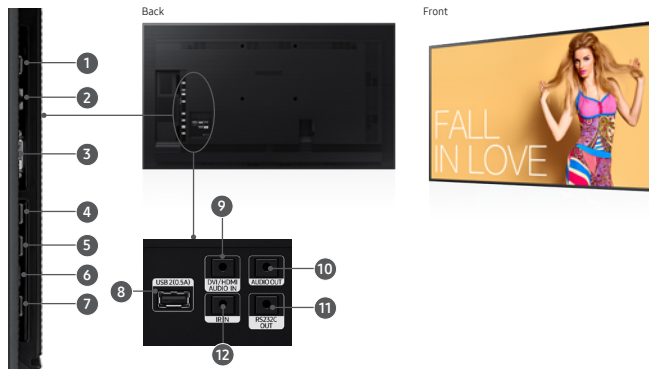
- 
**Bright, 4K, Non-Glare Picture, 24/7**  
 4K Ultra HD coupled with 700-nit brightness and a non-glare panel delivers true 4K color and clarity regardless of ambient light, 24/7.
- 
**Dynamic Crystal Color**  
 Experience crystal-clear, lifelike color with up to a billion shades of color, 64 times 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.
- 
**Samsung Workspace**  
 Samsung Workspace supports wireless cloud service access and control of a PC without needing a physical connection. Samsung Workspace simplifies meeting spaces while also improving security.
- 
**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.
- 
**Three-Year Warranty**  
 A 3-year warranty means extended peace of mind.

# Samsung QHR Series Digital Signage

		QH43R	QH49R	QH55R	QH65R	QH75R
Panel	Screen Size	43"	49"	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) 1.07B (Dithered 10-bit)	16.7M (True Display) 1.07B (Dithered 10-bit)	16.7M (True Display) 1.07B (Dithered 10-bit)	16.7M (True Display) 1.07B (Dithered 10-bit)	16.7M (True Display) 1.07B (Dithered 10-bit)
	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
Special Certifications	Non-Glare Panel	Yes	Yes	Yes	Yes	Yes
	Panel Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Special Certification	IP5X	IP5X	IP5X	IP5X	IP5X
	Cisco Compatible	Yes	Yes	Yes	Yes	Yes
Sound	Crestron 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
Other Connectivity	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
Power/Operation	Tuner	N/A	N/A	N/A	N/A	N/A
	Wi-Fi	Yes	Yes	Yes	Yes	Yes
	Bluetooth	Yes	Yes	Yes	Yes	Yes
Mechanical Specifications	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
Environmental Conditions	Set Dimensions (inches / mm)	38.1" x 21.9" x 1.9" / 967.5 x 557.7 x 48.3mm	43.3" x 24.9" x 1.8" / 1099.2 x 631.5 x 46.3mm	48.6" x 27.9" x 1.8" / 1235.1 x 707.9 x 46.3mm	57.2" x 32.7" x 1.8" / 1453.9 x 831.0 x 46.3mm	66.2" x 37.8" x 1.9" / 1681.1 x 960.1 x 49.7mm
	Package Dimensions (inches / mm)	43.1" x 26.6" x 6.0" / 1095 x 676 x 151mm	49.0" x 30.4" x 6.0" / 1247 x 772 x 152mm	55.2" x 33.8" x 6.4" / 1402 x 858 x 163mm	63.4" x 38.3" x 7.3" / 1611 x 973 x 185mm	73.7" x 44.4" x 8.8" / 1871 x 1127 x 223mm
	Set Weight (lbs. / kg)	22.0 lbs. / 10kg	29.8 lbs. / 13.5kg	39.9 lbs. / 18.1kg	54.9 lbs. / 24.9kg	84.4 lbs. / 38.3kg
	Package Weight (lbs. / kg)	29.3 lbs. / 13.3kg	39.7 lbs. / 18kg	52.0 lbs. / 23.6kg	75.4 lbs. / 33.3kg	108 lbs. / 49kg
	VESA Mount	200 x 200	200 x 200	200 x 200	400 x 400	400 x 400
Special Features	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)	Foot Stand (Optional)
Hardware	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
	Humidity	10-80%	10-80%	10-80%	10-80%	10-80%
Software	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	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
	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)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)
Internal Media Player	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 Output resolution: 3840x2160 (Scale up from graphic processing result)	Graphic resolution: 1920x1080 Output resolution: 3840x2160 (Scale up from graphic processing result)	Graphic resolution: 1920x1080 Output resolution: 3840x2160 (Scale up from graphic processing result)	Graphic resolution: 1920x1080 Output resolution: 3840x2160 (Scale up from graphic processing result)	Graphic resolution: 1920x1080 Output resolution: 3840x2160 (Scale up from graphic processing result)
	Storage (FDM)	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)
	Multimedia	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder: AC3 (DD), MPEG	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder: AC3 (DD), MPEG	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder: AC3 (DD), MPEG	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder: AC3 (DD), MPEG	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder: AC3 (DD), MPEG
	IO Ports	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
	Operating System	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	SSSP - MagicInfo	MagicInfo 6	MagicInfo 6	MagicInfo 6	MagicInfo 6	MagicInfo 6
Safety and Environmental Certifications	Safety	60950-1	60950-1	60950-1	60950-1	60950-1
	EMC	Class B	Class B	Class B	Class B	Class B
Accessories	Environment	TBD	TBD	TBD	TBD	TBD
	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
Service	Optional Mount	WMN4070SE	WMN4070SE	WMN4070SE	WMN42775E	WMN42775E, WMN65755E
	Standard Warranty	3 Years	3 Years	3 Years	3 Years	3 Years

## Connectivity

1. USB1 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In 1 (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 Day<sup>1</sup> 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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