

# Specifications

SAMSUNG

Model		QH43C	QH50C	QH55C	QH65C	QH75C	
Display Panel	Diagonal Size	43	50	55	65	75	
	Class Measured	42.5	48.5	54.6	64.5	74.5	
	Resolution	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	3,840 x 2,160 (16:9)	
	Brightness (Typ.)	700 nit	700 nit	700 nit	700 nit	700 nit	
	Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	
	Haze	25%	25%	25%	25%	25%	
	Contrast Ratio (Typ.)	4,000:1	4,000:1	4,000:1	4,000:1	4,000:1	
	Type	VA	VA	VA	VA	VA	
	Active Display Area	941.184 (H) x 529.416 (V)	1,095.84 (H) x 616.41 (V)	1,209.6 (H) x 680.4 (V)	1,428.48 (H) x 803.52 (V)	1,650.24 (H) x 928.26 (V)	
	Pixel Pitch (mm)	0.245 x 0.245	0.285 x 0.285	0.315 x 0.315	0.372 x 0.372	0.429 x 0.429	
Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%		
Operation Hour	24/7	24/7	24/7	24/7	24/7		
Connectivity / Sound	Input	Video	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)	DP1.2 (1), HDMI 2.0 (3)
		Audio	N/A	N/A	N/A	N/A	N/A
		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
		Tuner	N/A	N/A	N/A	N/A	N/A
		Video	N/A	N/A	N/A	N/A	N/A
	Output	Audio	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		USB	N/A	N/A	N/A	N/A	N/A
		WiFi / BT	O/O	O/O	O/O	O/O	O/O
	External Control	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	
	Speaker	10W 2ch	10W 2ch	10W 2ch	10W 2ch	10W 2ch	
Mechanical Spec	Dimension (mm)	Set	969.5 x 557.8 x 28.5	1,124.1 x 644.8 x 28.5	1,237.9 x 708.8 x 28.5	1,456.8 x 831.9 x 28.5	1,682.3 x 960.4 x 28.5
		Package	TBD	TBD	TBD	TBD	TBD
	Weight (kg)	Set	TBD	TBD	TBD	TBD	TBD
		Package	TBD	TBD	TBD	TBD	TBD
	VESA Mount	200 x 200	200 x 200	200 x 200	400 x 300	400 x 400	
	VESA Mount Screw (Min-Max)	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	M8, 12-14mm	
Bezel Width (mm)	11.5 (Even)	11.5 (Even)	11.5 (Even)	11.5 (Even)	13.4 (Even)		
Features	Key	UHD Signage with Built-in MagicInfo S10, SSSP10.0	UHD Signage with Built-in MagicInfo S10, SSSP10.0	UHD Signage with Built-in MagicInfo S10, SSSP10.0	UHD Signage with Built-in MagicInfo S10, SSSP10.0	UHD Signage with Built-in MagicInfo S10, SSSP10.0	
	Internal Player	Operating System	Tizen 7.0	Tizen 7.0	Tizen 7.0	Tizen 7.0	Tizen 7.0
		Processor	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core	CA731.6GHz Quad-Core
		Storage (FDM)	16GB (10GB available)	16GB (10GB available)	16GB (10GB available)	16GB (10GB available)	16GB (10GB available)
	H/W	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	2nd Gen. B2B Design Center IR	
		Temperature Sensor Ambient Sensor Auto Level Wi-Fi(2.4/5.0GHz dual) & BT	Temperature Sensor Ambient Sensor Auto Level Wi-Fi(2.4/5.0GHz dual) & BT	Temperature Sensor Ambient Sensor Auto Level Wi-Fi(2.4/5.0GHz dual) & BT	Temperature Sensor Ambient Sensor Auto Level Wi-Fi(2.4/5.0GHz dual) & BT	Temperature Sensor Ambient Sensor Auto Level Wi-Fi(2.4/5.0GHz dual) & BT	
	Special	S/W	Signage New Home Workspace (Microsoft377/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode SmartView+ Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration	Signage New Home Workspace (Microsoft377/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode SmartView+ Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration	Signage New Home Workspace (Microsoft377/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode SmartView+ Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration	Signage New Home Workspace (Microsoft377/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode SmartView+ Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration	Signage New Home Workspace (Microsoft377/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode SmartView+ Upgradable Web-Engine Tizen Enterprise Platform Video Conference Solution Smart Calibration
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	Certification	Safety	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1	60950-1/62368-1
EMC		Class B	Class B	Class B	Class B	Class B	
Environment		ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	
IP Rating		IP5x	IP5x	IP5x	IP5x	IP5x	
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	
Power	Power Supply	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	
	Power Consumption	Max[W/h]	TBD	TBD	TBD	TBD	
		Typical[W/h]	TBD	TBD	TBD	TBD	TBD
Operating Condition	Sleep mode	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	less than 0.5W	
	Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	
	Relative Humidity	10 - 80%	10 - 80%	10 - 80%	10 - 80%	10 - 80%	
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	Quick Setup Guide, Warranty Card, Power Cord	
		RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	RS232C (In) Gender Remote Controller & Batteries	
	Optional	Stand	WMN-L4355C	WMN-L4355C	WMN-L4355C	WMN-L4355C	WMN-L4355C
		Mount	WMN-B505C	WMN-B505C	WMN-B505C	WMN-B505C	WMN-B505C
Specialty	TBD	TBD	TBD	TBD	TBD		

\* This specification is not a finalized version, so some specifications may change at the end of June.

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## Smart Signage

For more information about Samsung Smart Signage, visit [www.samsung.com/business](https://www.samsung.com/business)

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2023-06



# Crystal UHD Signage

QHC series

## Slim design. Stunning performance.

Introducing the QHC series, the slimmest display in the Samsung's UHD signage offerings. This products deliver an unparalleled slim design that fits into any business, while delivering the visual quality to make a big impact. The sleek form factor is easily installed to fit any room design and delivers stunning visual performance. Dynamic Crystal Color and Quantum Processor Lite 4K delivering consistent, lifelike colors to any content. This is not just a display for simple advertising. It's a display that brings the solutions, tools, and picture quality to grow to your business, no matter what industry you're in.

## Key features

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**Ultra Slim Depth**  
 The unparalleled ultra-slim thickness of 28.5mm makes it the thinnest option in Samsung's UHD Signage series. It comes with the Slim Fit Wall Mount, which allows you to install it neatly and easily in any environment.
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**Even Bezels and Centered VESA Holes**  
 The bezels are even on all four sides of the display for a consistent look, while the central VESA mounting holes ensure secure mounting and easy adjustability to portrait mode.
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**Dynamic Crystal Color**  
 One billion shades of color let you see every subtlety with lifelike color variations. Images are clear and consistent thanks to Samsung's industry leading video processing and upscaling technology.
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**Smartview+**  
 In the QHC series, SmartView+ enables wireless screen sharing for easy collaboration and quick screen switching with just a click.
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**Smart Calibration**  
 Guarantee complete brand consistency across every location. Using the Samsung mobile app, calibrate displays to showcase brand logos and other collateral in the exact colors required.
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**Energy star / EPEAT Bronze**  
 Samsung is making diverse efforts to reduce our environmental impact in smart signage, and encouraging users to pursue a more sustainable life.