



Be bright, be bold, be beautiful. 24/7.

Large Panels with UHD Resolution and 24/7 Capability

It's never been this easy to look this good. The Samsung QMH Series large-panel displays offer four times the resolution of full HD, for best-in-class UHD picture quality. Their stunning picture will elevate the conventional viewing experience, helping businesses deliver content that engages, informs and entertains. 500 nits brightness adds to the beautifully detailed and colorful images. It's also an all-in-one signage solution that offers an integrated media player, so no set-back box or PC is required. And with 24/7 reliability and exceptional durability, you can communicate your message day after day, night after night, with the peace of mind Samsung is known for.



Key Features



Stunning UHD Ultra-Realistic Detail and Quality

Each QMH Series display showcases content with four times the ultra-realistic detail (3840 x 2160) and clarity of FHD, with a wider screen that offers more space for text and imagery.



Achieve Brilliant, Glare-Free Picture Quality

Samsung's QMH Series displays reduce the impact of natural and ambient lighting through a rigid, non-glare front panel. This enhanced design reduces reflection and maintains clear visibility for featured text and imagery.



500-nit Brightness

UHD resolution combines with bright 500-nit screens for amazing images and messages that demand attention.



IP5x-Certified and Reliable 24/7 Continuous Operation

Dust-resistant design and commercial-level cooling technologies offer dependable reliability, 24/7.



All-in-One Signage Solution

The Samsung Smart Signage Platform 5.0 backed by the Tizen 3.0 OS delivers a powerful, all-in-one signage solution. Combined with an integrated media player, there's no external set-back box or PC required.



Configure Multiple Displays Seamlessly

Users can leverage the HDMI 2.0 option to configure multi-display UHD daisy chains up to 2x2 in size.



Built-in Wi-Fi

In addition to HDMI 2.0, DVI and DP1.2 connectivity, the built-in Wi-Fi lets you easily share or mirror content from a mobile device.

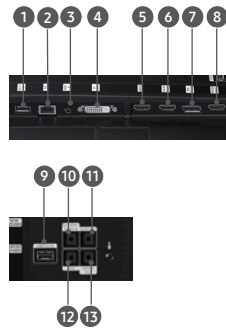
Samsung QMH Series Commercial Displays



		QM49H	QM55H	QM65H
Display	Diagonal Size	49"	55"	65"
	Type	60Hz E-LED BLU	60Hz E-LED BLU	60Hz E-LED BLU
	Resolution	3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)
	Brightness (Typ.)	500 nits	500 nits	500 nits
	Contrast Ratio (Typ.)	4000:1	4000:1	4000:1
	Viewing Angle (H / V)	178 / 178	178 / 178	178 / 178
	Response Time (G to G)	8ms (Typ)	8ms (Typ)	8ms (Typ)
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	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)
	Operation Hour	24/7	24/7	24/7
Anti Reflective	25%	25%	25%	
Sound	Speaker Type	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)
		Video	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2
		Audio	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2
	Output	RGB	HDMI 2.0 (Loop-Out)	HDMI 2.0 (Loop-Out)
		Audio	Stereo Mini Jack	Stereo Mini Jack
		External Control	RS232C (In / Out), RJ45	RS232C (In / Out), RJ45
	External Sensor	IR	IR	IR
	Wi-Fi / Bluetooth	Yes / Yes	Yes / Yes	Yes / Yes
Power	Type	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
	Power Consumption	On Mode [W] 101 (Typical), 140 (Rating), 154 (Max) Sleep Mode / Off Mode < 0.5W / < 0.5W	111 (Typical), 150 (Rating), 165 (Max) < 0.5W / < 0.5W	125 (Typical), 180 (Rating), 198 (Max) < 0.5W / < 0.5W
Dimensions	Set Dimension with Stand (W x H x D)	42.28" x 24.9" x 1.4"	48.63" x 27.9" x 1.4"	57.3" x 32.9" x 1.5"
	Package Dimension (W x H x D)	47.0" x 28.4" x 7.0"	52.6" x 32.0" x 7.2"	62.0" x 38.0" x 8.4"
Weight	Set Weight with Stand	30.2 lbs	37.7 lbs	50.3 lbs
	Package Weight	41.0 lbs	51.1 lbs	71.5 lbs
Design	VESA Mount	400mm	400mm	400mm
	Stand Type	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)
	Bezel Width (Top / Side / Bottom) (mm)	11.0 / 11.0 / 12.0	11.0 / 11.0 / 12.0	12.0 / 12.0 / 12.0
Operation	Operating Temperature	32 ~ 104°F	32 ~ 104°F	32 ~ 104°F
	Humidity	10-80%	10-80%	10-80%
Features	Special	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (10W 2ch), Videowall Daisy Chain (HDCP2.2:4EA, HDCP1.4:7EA), IP5x, Wi-Fi / BT	
		Software	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	
	Internal Player (Embedded H/W)	Processor	Coretex A72 1.7GHz Quad-Core CPU	
		On-Chip Cache Memory	L1 Instruction Cache: 48KB L1 Data Cache: 32KB L2 Cache: 2MB	
		Clock Speed	1.7GHz Quad-Core CPU	
	Main Memory Interface	3GB, 3ch 64bit LPDDR4 1.6GHz		
		Graphics	2D & 3D Graphic Accelerator Data Format: 32bpp Output resolution: 3840 x 2160p	
	Storage (FDM)	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/AVS+, MVC - VP8, VtP9, HEVC, JPEG Audio DSP (Decoder) - MPEG, AC3, AC4, DD, MP3 and etc.	
	IO Ports	USB 2.0		
Operating System		Tizen 3.0 (VDLinux)		
Green Management	EMC	Class A		
	Environment	ENERGY STAR 7.0		
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries		
	Optional	Stand	STN-L4655E	
		Mount	WMN4270SD	
		Specialty	CLM450D	
Warranty	Warranty	3 Years Onsite (Parts / Labor / Backlight)		

Connectivity

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



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