

43"	QM43R	65"	QM65R
49"	QM49R	75"	QM75R
55"	QM55R		



## Upscale your impact.

### Slim 4K UHD Signage with Dynamic Crystal Color

Experience exceptional Ultra HD picture quality with the Samsung QMR Dynamic Crystal Color commercial displays. The QMR series provides up to a billion colors so you see more of the picture, while true Ultra HD 4K color, 500-nit brightness and a non-glare panel mean messages will be more colorful and detailed than ever before. Additionally, UHD Intelligent Upscaling enhances standard and high-definition content to the best possible picture quality. With a minimalist slim design and a clean cable management solution, the QMR series is easy to install into any type of environment. And the QMR series' SMART Signage Platform 6.0 features an embedded media player, for easy content management and playback without an external set-back box or PC.



### Key Features



#### Slim and Symmetrical Design

The QMR series' slim depth (1.82" – 1.96"), narrow bezel and symmetrical design vastly simplify mounting and installation, and allow seamless integration into any environment.



#### Clean Cable Management

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



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

Ultra HD coupled with 500-nit brightness and a non-glare panel delivers true 4K color and clarity, 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. See every color in a rainbow or every shade in a spectacular sunset.



#### Intelligent UHD Upscaling

UHD upscaling is a unique four-step picture improvement process that enables the clarity and detail of standard and high-definition content to be enhanced to the best possible picture quality.



#### HDR Powered by HDR10+

Experience superior brightness, greater detail in blacks, and authentic color with HDR powered by HDR 10+.



#### Powerful, All-in-One Solution

The embedded MagicInfo player S6, backed by a powerful Tizen operating system, allows for easy content management and playback without the need for a PC.



#### Cisco WebEx Room Kit Compatible

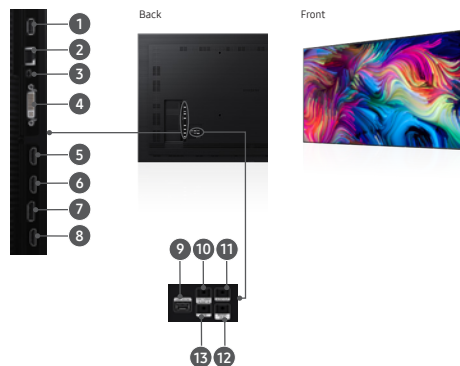
The QMR series is fully compatible with Cisco WebEx® Room Kit products. Together, they provide the ultimate conferencing solution.

# Samsung QMR Series UHD Commercial Displays

			QM43R	QM49R	QM55R	QM65R	QM75R
Panel	Diagonal Size	Class Measured	43" 42.5"	49" 48.5"	55" 54.6"	65" 64.5"	75" 74.5"
	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.)		500	500	500	500	500
	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
Anti-Glare Panel		44%	25%	25%	25%	44%	
IP5X Rating		Yes	Yes	Yes	Yes	Yes	
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	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
	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)
		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	
Wi-Fi / Bluetooth		Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	
Power	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 / Typical (W/h)	110 / 74	138 / 103	143 / 108	181.5 / 131	231 / 178
		Rating (W/h)	100	125	130	165	210
Mechanical Spec	Dimension (mm / inch)	Set	967.5 x 557.7 x 48.3 / 38.09" x 21.96" x 1.9"	1099.2 x 631.5 x 46.3 / 43.28" x 24.86" x 1.82"	1235.1 x 707.9 x 46.3 / 48.63" x 27.87" x 1.82"	1453.9 x 831.0 x 46.3 / 57.24" x 32.72" x 1.82"	1681.1 x 960.1 x 49.7 / 66.19" x 37.8" x 1.96"
		Package	1095 x 676 x 151 / 43.11" x 26.61" x 5.94"	1247 x 772 x 152 / 49.09" x 5.98"	1402 x 858 x 163 / 55.2" x 33.78" x 6.42"	1611 x 973 x 185 / 63.43" x 38.31" x 7.28"	1871 x 1127 x 223 / 73.66" x 44.37" x 8.78"
	Weight (kg / lb)	Set	10 kg / 22.05 lb	13.5 kg / 29.7 lb	18.1 kg / 39.9 lb	24.9 kg / 54.9 lb	38.3 kg / 84.44 lb
		Package	13.3 kg / 29.32 lb	18 kg / 39.7 lb	23.6 kg / 52.03 lb	33.3 kg / 73.41 lb	49 kg / 108.03 lb
	VESA Mount		200 x 200	200 x 200	200 x 200	400 x 400	400 x 400
	Bezel Width (Top / Side / Bot) (mm)		9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	11.5mm (U/L/R), 12.5mm (B)
Operation Features	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%	
Certification	Key		UHD Signage Display, Slim and Light Signage with Built-in MagicInfo S6, SSSP 6.0				
	Special	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs. Clock Keeping), Built-In Speaker (10W x 2), Video Wall Daisy Chain (HDCP 2.2: 4EA, HDCP 1.4: 7EA), IP5x Rating, Wi-Fi/Bluetooth				
		Software	Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug and Play (Initial Setting)				
	Internal Player (Embedded Hardware)	Processor	Cortex A72 1.7GHz Quad-Core CPU				
		On-Chip Cache	L1 Instruction Cache: 48KB				
		Memory	L1 Data Cache: 32KB				
		Memory	L2 Cache: 2MB				
		Clock Speed	1.7GHz				
		Main Memory Interface	2.5GB, LPDDR4 1.5GHz 64 Bit				
	Graphics	Graphic Resolution: 1920 x 1080					
Storage (FDM)	Output Resolution: 3840 x 2160 (Scale Up from Graphic Processing Result)						
Multimedia	8GB (3.88GB Occupied by O/S, 4.12GB Available)						
IO Ports	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9						
Operating System	Audio Decoder: AC3 (DD), MPEG						
Safety		USB 2.0					
		Tizen 4.0 (VDLinux)					
EMC		60950-1					
		Class A					
Environment		ENERGY STAR 7.0 (USA)					
		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries					
Accessories	Included						
	Optional	Stand	STN-L4355F	STN-L4355F	STN-L4355F	N/A	N/A
		Mount	WMN4070SE	WMN4070SE	WMN4070SE	WMN4277SE	WMN4277SE, WMN6575SE
Specialty		CML400XK	CML400XK	CML400XK	CLM450K	CLM450K	

## Connectivity

1. USB2.0 (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. HDMI Out (Daisy Chain Out)
9. USB 2.0 (0.5A)
10. DVI / HDMI Audio In
11. Audio Out
12. RS232C Out
13. 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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