

43"	QM43R-B	65"	QM65R-B
50"	QM50R-B	75"	QM75R-B
55"	QM55R-B	85"	QM85R-B



Upscale the ordinary to the extraordinary.

Slim 4K UHD signage with Dynamic Crystal Color

Experience exceptional Ultra HD picture quality with the Samsung QMR-B Dynamic Crystal Color commercial displays. The QMR-B 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-B series is easy to install into any type of environment. And the QMR-B 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-B series' slim depth, 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-B series features stylish grooves that cables can be threaded through, keeping connections out of sight.



Bright, 4K, non-glare picture with 24/7 operation

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 enhances the clarity and detail of standard and high-definition content to the best possible picture quality.



HDR powered by HDR10+

Experience superior brightness, greater detail in blacks, and authentic color with HDR powered by HDR10+.



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 certified

The QMR-B series displays have undergone the most stringent of all testing by the Webex Device Business Unit and are fully certified. Combined with Cisco WebEx®, the QMR-B series provides the ultimate conferencing solutions.



MagicINFO

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



3-Year commercial warranty

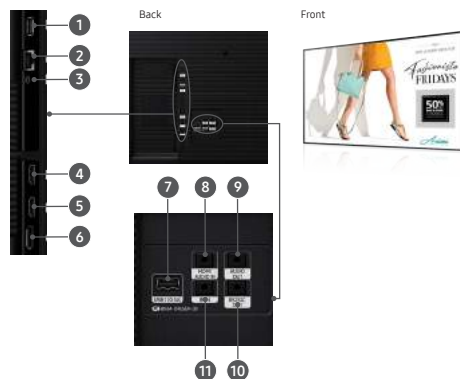
Samsung commercial displays are designed for reliable operation.

Samsung QMR-B Series UHD Commercial Displays

			QM43R-B	QM50R-B	QM55R-B	QM65R-B	QM75R-B	QM85R-B	
Panel	Diagonal Size	Class	43"	50"	55"	65"	75"	85"	
		Measured	42.5"	49.5"	54.6"	64.5"	74.5"	84.5"	
	Type		Edge LED BLU	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)	UHD (3840 x 2160)	
	Brightness (Typ.)		500	500	500	500	500	500	
	Contrast Ratio (Typ.)		4000:1	4000:1	4000:1	4000:1	4000:1	4000:1	
	Viewing Angle (H/V)		178 / 178	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.)	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)	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)	92% (DCI-P3, CIE 1976)	
	Operation Hour		24/7	24/7	24/7	24/7	24/7	24/7	
	Panel Orientation		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	
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)	Built in Speaker (10W + 10W)	
Special Certifications	IP5X Rating		Yes	Yes	Yes	Yes	Yes	Yes	
	Non-Glare Panel		Yes	Yes	Yes	Yes	Yes	Yes	
	Cisco Webex Compatible		Yes	Yes	Yes	Yes	Yes	Yes	
Connectivity	Input	RGB	DisplayPort 1.2 (1)	DisplayPort 1.2 (1)	DisplayPort 1.2 (1)	DisplayPort 1.2 (1)	DisplayPort 1.2 (1)	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)	HDMI 2.0 (2)	
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	
		AUDIO	Stereo Mini Jack, HDMI / Audio (Common)	Stereo Mini Jack, HDMI / Audio (Common)	Stereo Mini Jack, HDMI / Audio (Common)	Stereo Mini Jack, HDMI / Audio (Common)	Stereo Mini Jack, HDMI / Audio (Common)	Stereo Mini Jack, HDMI / Audio (Common)	
		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	USB 2.0 x 2	
	Output	RGB	N/A	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	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	RS232C (In / Out) thru Stereo Jack, RJ45	
	External Sensor		IR	IR	IR	IR	IR	IR	
	Wi-Fi		Yes (2.4 Ghz Only)	Yes (2.4 Ghz Only)	Yes (2.4 Ghz Only)	Yes (2.4 Ghz Only)	Yes (2.4 Ghz Only)	Yes (2.4 Ghz Only)	
Bluetooth		No	No	No	No	No	No		
Power	Type		Internal	Internal	Internal	Internal	Internal	Internal	
	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	AC 100 - 240 V, 50 / 60 Hz	
	Power Consumption	Max / Typical (W/h)	110 / 74	170.5 / 117	143 / 108	181.5 / 131	231 / 178	308 / 217	
		Rating (W/h)	100	155	130	165	210	280	
	BTU (Max)	375.1	581.4	487.6	618.9	787.7	1050.3		
	Sleep Mode	0.5	0.5	0.5	0.5	0.5	0.5		
Mechanical Spec	Dimensions (mm / inch)	Set	967.5 x 557.7 x 48.3 / 38.09" x 219.6" x 1.9"	1121.4 x 643.9 x 46.3 / 44.15" x 25.35" x 1.82"	1235.1 x 707.9 x 46.3 / 48.63" x 27.87" x 1.82"	1455.9 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"	1897.8 x 1080.8 x 56.7 / 74.72" x 42.55" x 2.23"	
		Package	1095 x 676 x 151 / 43.11" x 26.61" x 5.94"	1269 x 784 x 152 / 49.96" x 30.87" x 5.98"	1402 x 858 x 163 / 55.2" x 33.78" x 6.42"	1611 x 973 x 185 / 63.45" x 38.31" x 7.28"	1871 x 1127 x 223 / 73.66" x 44.37" x 8.78"	2090 x 1247 x 260 / 82.28" x 49.09" x 10.24"	
	Weight (kg / lb)	Set	10 kg / 22.05 lb	13.4 kg / 29.54 lb	18.1 kg / 39.9 lb	24.9 kg / 54.9 lb	38.3 kg / 84.44 lb	48.4 kg / 106.7 lb	
		Package	13.3 kg / 29.32 lb	17.6 kg / 38.80 lb	23.6 kg / 52.03 lb	33.3 kg / 73.41 lb	49 kg / 108.03 lb	63.7 kg / 140.43 lb	
	VESA Mount		200 x 200	200 x 200	200 x 200	400 x 400	400 x 400	600 x 400	
Bezel Width (Top / Sides / Bottom) (mm)		9.2mm (T/S), 11.2mm (B)	9.2mm (T/S), 11.2mm (B)	9.2mm (T/S), 11.2mm (B)	9.2mm (T/S), 11.2mm (B)	11.5mm (T/S), 12.5mm (B)	10.9mm (T/S), 12.9mm (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%	0°C - 40°C / 10 - 80%	0°C - 40°C / 10 - 80%	
	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						
		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 Memory		L1 Instruction Cache: 48KB / L1 Data Cache: 32KB / L2 Cache: 2MB					
		Clock Speed		1.7GHz					
		Main Memory Interface		2.5GB, LPDDR4 1.5GHz 64 Bit					
		Graphics		Graphic Resolution: 1920 x 1080 Output Resolution: 3840 x 2160 (Scale Up from Graphic Processing Result)					
		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+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder: AC3 (DD), MPEG					
		IO Ports		USB 2.0					
Operating System		Tizen 4.0 (VDLinux) 60950-1							
Certification	Safety		Class B	Class B	Class B	Class B	Class B	Class B	
	EMC		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	N/A	
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries						
	Optional	Stand	STN-L4355F	STN-L4355F	STN-L4355F	N/A	N/A	N/A	
		Mount	WMN4070SE (Landscape Only) WMN750ME	WMN4070SE (Landscape Only) WMN750ME	WMN4070SE (Landscape Only) WMN750ME	WMN4277SE (Landscape Only) WMN750ME	WMN4277SE (Landscape Only) WMN750ME	WMN8200SF, WMN8200SG	
	Specialty	CML400XK	CML400XK	CML400XK	CLM450K	CLM450K	N/A		
Service	Warranty		3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	

Connectivity

1. USB1 (1.0A)
2. RJ45
3. RS232C In
4. HDMI In 1 (ARC)
5. HDMI In 2
6. DP In
7. USB 2.0 (0.5A)
8. HDMI Audio In
9. Audio Out
10. RS232C Out
11. 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

Learn More samsung.com/display samsung.com/business insights.samsung.com

Product Support 1-866-SAM4BIZ

Follow Us youtube.com/samsungbizusa [@SamsungDisplay](https://twitter.com/SamsungDisplay) [@SamsungBizUSA](https://twitter.com/SamsungBizUSA) instagram.com/samsungbusinessusa

SAMSUNG