

Brilliant and engaging: a proven recipe for success.

All-in-one 4K interactive touchscreen displays

Add interactivity to any environment with Samsung's QMR-T touchscreen display. With a bright and responsive interactive display, these commercial-grade large format displays are designed to leverage a variety of content and create engaging experiences. Showcase exciting brand experiences, create endless aisles, offer self-ordering kiosks and provide interactive way-finding. With an IP5X rating, Samsung's QMR-T series touchscreen displays are built to withstand the rigors of continuous public use, and a 3-year warranty adds peace of mind.



Key Features



All-in-One interactive digital signage solution

The Samsung QMR-T series combines an embedded media player with MagicINFO, powerful Tizen OS, multi-touch interactivity and premium UHD Samsung display into integrated all-in-one solution. No need for an external player. And the advanced Tizen OS enables a wide variety of apps.



MagicINFO digital signage CMS platform to power business

MagicINFO is our leading-edge digital signage platform that makes content management easier, more flexible and more robust. Easily create content with included templates. Use the data capture tools to inform content creation and automated, targeted distribution. And manage it all from a single source.



Multi-point capacitive touch

Exceptionally responsive capacitive touch functionality makes for an engaging and intuitive user experience.



Easy-to-see, bright 4K UHD non-glare panels

Samsung's QMR-T series features UHD resolution (FHD on 32") to deliver incredibly clear and detailed content. Non-glare glass (43" and 55") offers improved visibility and eliminates distracting reflections that may impede customer engagement, while the haze coating creates a smoother feel.



IP5X for lasting durability

IP5X rating ensures efficient and reliable performance even in dusty environments. In addition, a conformal coating on the display provides longevity even in public spaces, which reduces overall cost of operation.



Convenient control with a centralized IR receiver

Control content easier with an intelligently designed IR receiver. Instead of a single point of reception, QMR-T series displays receive IR signals across their entire panels, making remote content control much easier and more reliable.



Long runtimes for reliable, continuous operation

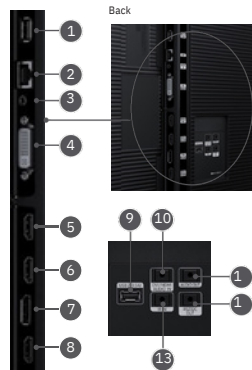
Commercial-level cooling technologies offer dependable reliability. The Samsung QMR-T Series 55"/43" are designed to deliver messages all day and all night, while the 32" model delivers 16/7 runtime.

Samsung QMR-T Series Displays

		QM32R-T	QM43R-T	QM55R-T	
Panel	Screen Size	32"	43"	55"	
	Panel Type	Edge LED BLU	Edge LED BLU	Edge LED BLU	
	Resolution	FHD (1920 x 1080)	UHD (3840 x 2160)	UHD (3840 x 2160)	
	Brightness (Typ.)	500 nits (with Touch Glass), 400 nits (without Touch Glass)	400 nits (with Touch Glass), 500 nits (without Touch Glass)	400 nits (with Touch Glass), 500 nits (without Touch Glass)	
	Contrast Ratio (Typ.)	5000:1	5000:1	5000:1	
	Viewing Angle (H / V)	178° / 178°	178° / 178°	178° / 178°	
	Response Time (Typ.)	8ms GTG	8ms GTG	8ms GTG	
	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)	
	Color Gamut	72%	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	
	Operation Hours	16/7	24/7	24/7	
Anti-Glare	No	Yes	Yes		
Panel Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait		
Special Certification	IP5X	IP5X	IP5X		
Special Certification	Speaker Type	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	
	Sound	DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)	
Connectivity	Input	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	
		HDCP 2.2	HDCP 2.2	HDCP 2.2	
		RGB Video	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	
	Output	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	
		HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	
		Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	
	External Control	RS232C (in/out) through Stereo Jack, RJ45	RS232C (in/out) through Stereo Jack, RJ45	RS232C (in/out) through Stereo Jack, RJ45	
		IR	IR	IR	
	External Sensor	Yes / Yes	Yes / Yes	Yes / Yes	
		Internal	Internal	Internal	
Wi-Fi / Bluetooth	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		
	72 W	110 W	143 W		
Power	Type	0.5 W	0.5 W	0.5 W	
	Power Supply	45 W	72 W	107 W	
		65 W	100 W	130 W	
	Power Consumption	245.7	375.1	487.63	
		0.5	0.5	0.5	
Mechanical	Dimensions	29.31" x 17.5" x 1.9" / 744.4 x 444.6 x 48.2 mm	38.83" x 23.01" / 986.2 x 584.4 x 56.7 mm	49.36" x 28.92" x 2.23" / 1253.8 x 734.6 x 56.7 mm	
	Weight	34.33" x 22.24" x 5.24" / 872 x 565 x 133 mm	44.65" x 28.54" x 5.55" / 1134 x 725 x 141 mm	55.94" x 34.8" x 6.5" / 1421 x 884 x 165 mm	
Environmental Conditions	Dimensions	Set	200 x 200 mm	200 x 200 mm	
		Foot Stand (Optional)	N/A	N/A	
	Weight	Set	24.5 (U/D), 21.5 (L/R)	26.0 (U/D), 21.0 (L/R)	26.0 (U/D), 21.0 (L/R)
		Package	32" - 104" / 0°C - 40°C	32" - 104" / 0°C - 40°C	32" - 104" / 0°C - 40°C
	VESDA Mount	Package	10-80%	10-80%	10-80%
		Capacitive Touch	Capacitive Touch	Capacitive Touch	Capacitive Touch
	Operating Temperature	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built-in Speaker (10W x 2), Video Wall Daisy Chain (HDCP 2.2 x 4, HDCP 1.4 x 7), IP5X Rating, Wi-Fi, Bluetooth	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built-in Speaker (10W x 2), Video Wall Daisy Chain (HDCP 2.2 x 4, HDCP 1.4 x 7), IP5X Rating, Wi-Fi, Bluetooth	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built-in Speaker (10W x 2), Video Wall Daisy Chain (HDCP 2.2 x 4, HDCP 1.4 x 7), IP5X Rating, Wi-Fi, Bluetooth	
		Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug and Play (Initial Setting)	Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug and Play (Initial Setting)	Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug and Play (Initial Setting)	
	Features	Special	Hardware	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU
			Software	L1 Instruction Cache: 48KB	L1 Instruction Cache: 48KB
Processor		L1 Data Cache: 32KB	L1 Data Cache: 32KB	L1 Data Cache: 32KB	
		L2 Cache: 2MB	L2 Cache: 2MB	L2 Cache: 2MB	
On-Chip Cache		1.7GHz	1.7GHz	1.7GHz	
		2.5GB, LPDDR4 1.5GHz, 64-bit	2.5GB, LPDDR4 1.5GHz, 64-bit	2.5GB, LPDDR4 1.5GHz, 64-bit	
Memory		Graphic resolution: 1920 x 1080	Graphic resolution: 1920 x 1080	Graphic resolution: 1920 x 1080	
		Output resolution: 3840 x 2160 (Scale up from graphic processing result)	Output resolution: 3840 x 2160 (Scale up from graphic processing result)	Output resolution: 3840 x 2160 (Scale up from graphic processing result)	
Main Memory		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)	
		Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	
Internal Player (Embedded H/W)	Interface	Audio Decoder: AC3 (DD), MPEG	Audio Decoder: AC3 (DD), MPEG	Audio Decoder: AC3 (DD), MPEG	
	USB 2.0	USB 2.0	USB 2.0		
Graphics Storage (FDM)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)		
	60950-1	60950-1	60950-1		
Multimedia	Class B (TBD)	Class B	Class B		
	ENERGY STAR 8.0, Epeat	ENERGY STAR 8.0, Epeat	ENERGY STAR 8.0, Epeat		
IO Ports	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		
	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		
Operating System	STN-L4355F	STN-L4355F	STN-L4355F		
	WMN4070SE	WMN4070SE	WMN4070SE		
Certification	Safety	CML400XX	CML400XX	CML400XX	
	EMC	3 Years Parts / Labor	3 Years Parts / Labor	3 Years Parts / Labor	
Accessory	Included				
	Optional	Stand Mount			
Warranty	Warranty				

Connectivity

1. USB 1 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In 1 (ARC)
6. HDMI In 2 (Daisy Chain In)
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. RS232C Out
13. IR In



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