

# Interactive touch display

QMB-T, QMR-T series

Increase customer engagement with intuitive touch displays



## Increased demand for interactive displays in retail and transportation

The adoption of interactive displays is growing, especially in the retail and transportation sectors. Touchscreen technology enables the expansion of a business by attracting and engaging consumers in an intuitive and convenient way. Retail applications for interactive displays include wayfinding, ATM machines and digital promotion signage, while applications in transportation include displays that alert travelers about important information such as ticket prices, bookings, and arrivals and departures. Increasing consumer demand for a blended digital and in-person shopping experience is expected to further propel the growth of this market. Samsung's QMB-T provides an ideal interactive display solution that can be tailored to a variety of industry use cases to meet the current consumer demand.

## Improve customer engagement with just touch

Samsung is a global leader in visual display technology and is constantly developing innovative, new ways for brands to interact with consumers through screens with eye-catching picture quality and intelligent features. The QMB-T and QMR-T series are an all-in-one touch solution that doesn't require an additional device such as a PC thanks to Tizen OS which enables powerful touch functionality providing an engaging and intuitive user experience at fast speeds. The display features crystal clear UHD resolution and a non-glare screen creating vivid, eye-catching content for customers. Monitoring and managing the content on the display couldn't be easier thanks to Samsung's powerful MagicINFO software solution. Finally, an innovative center IR simplifies installation and to ensure the display can withstand typical conditions, the QMB-T and QMR-T are enhanced with dust proof reliability so it can be installed in any environment and perform as expected.



## All-in-one touch solution



### All-in-one touch solution for any environment

Samsung's QMB-T and QMR-T series allow businesses to maximize use of touch display with a built-in, high performance Tizen-based media player. The all-in-one design eliminates the need for an external player and the advanced Tizen OS enables a wide variety of apps.



### Powerful touch experience

The QMB-T and QMR-T feature an upgraded Tizen OS, making content playback more stable and allowing the display to utilize a wider variety of high-speed content. An exceptionally responsive capacitive touch functionality makes for an engaging and intuitive user experience.

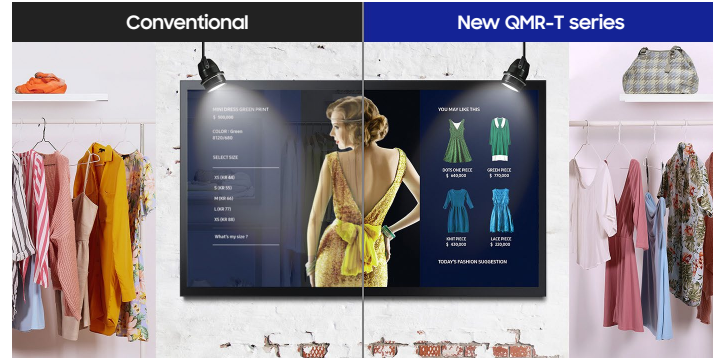
# Enhanced picture quality



## Captivate customers with UHD content \*

Samsung's QMB-T series provides UHD resolution capabilities to deliver incredibly clear content. This increases customer engagement by showcasing lifelike images and intricate details better than ever before with accurate visual expression that has been optimized to display exactly as intended.

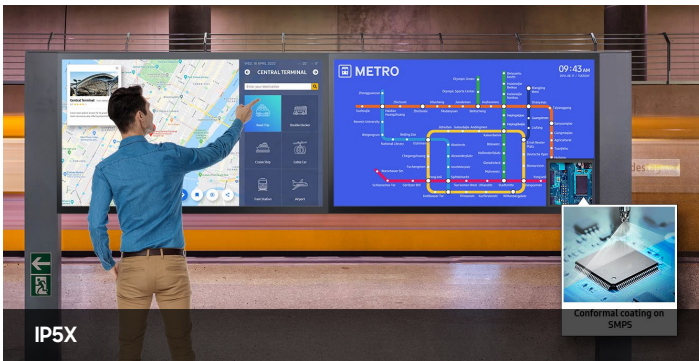
\* The UHD feature is only supported for 43 inches and 55 inches display.



## Better visibility even in sunlight

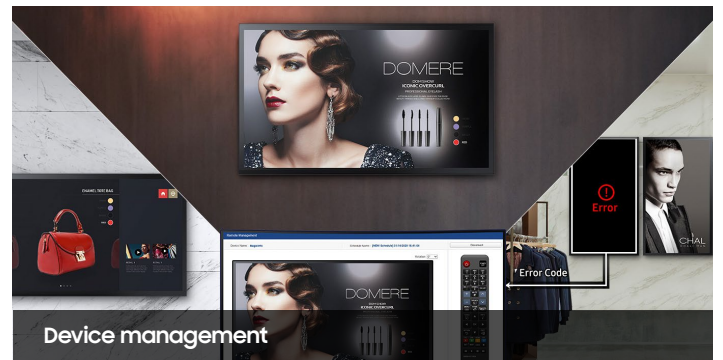
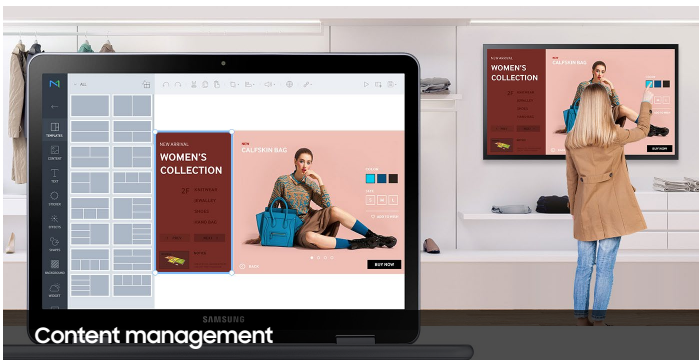
The QMB-T series offers improved visibility through non-glare glass fitted on the display. This removes any distracting reflections that might disturb customer engagement, while the haze coating on the glass creates a smoother touch for the user's hand.

# Easy management



## Built to be reliable and efficient

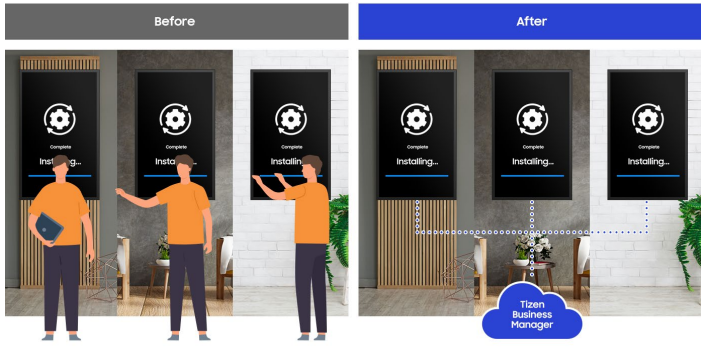
Samsung's interactive touch display has received the IP5X rating standard, ensuring efficient and reliable performance even in dusty environments to protect the display from repeated customer interactions. An innovative center IR means businesses implementing the display, won't have to make any adjustments to the IR and can use it right out of the box. In addition, a conformal coating on the display provides longevity even in public spaces, and as a result, saves on the overall cost of operation.



## Integrated content and device management solution \*

Samsung's MagicINFO solution enables simple scheduling and management for a range of on-demand images and videos and also allows users to easily create their own touch content for the display. Operating efficiency is also enhanced through an early warning alert system to ensure no downtime.

\* License for MagicINFO must be purchased separately.



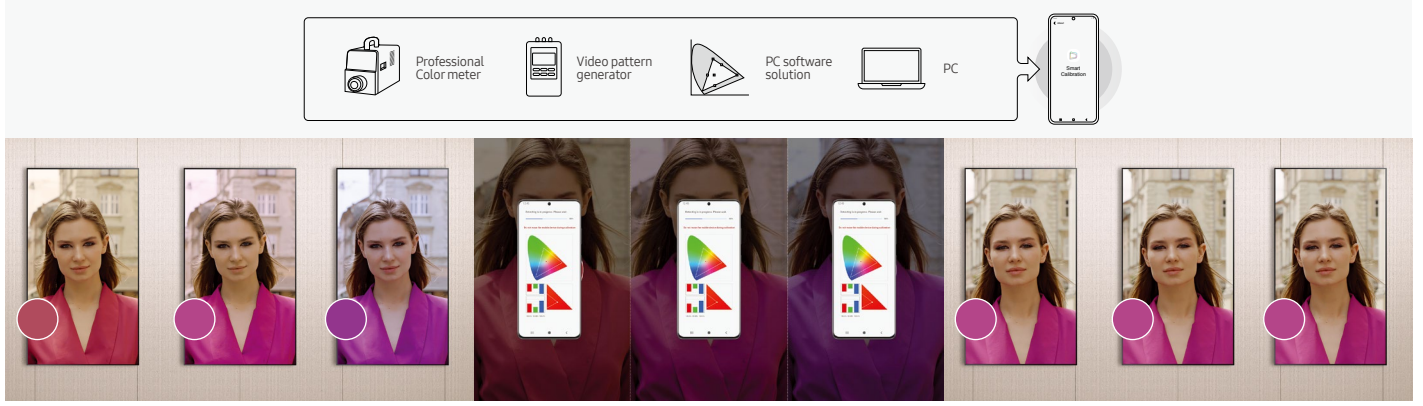
## Easier setups and updates for reduced workloads

Tizen Zero Config is essential for IT managers operating multiple units in different locations. Following display installation, IT professionals can register new apps through Tizen Business Manager and remotely install, eliminating needless travel and local installations.



## Flexible installation for custom designs

Keep content clear and steady. Auto Level automatically adjusts content when the screen is rotated from vertical to horizontal for increased versatility in any space. Plus, it automatically recognizes incorrect pivot directions to keep the display always in the correct orientation.



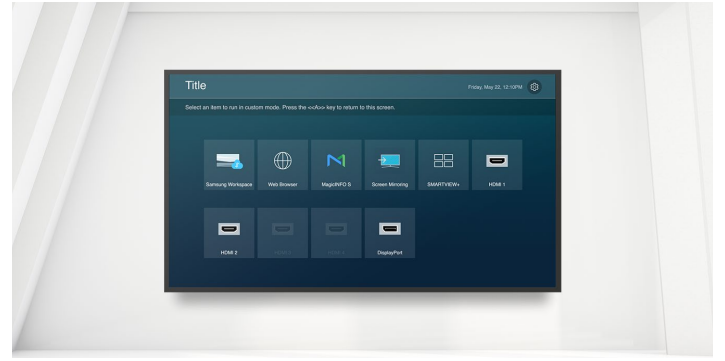
## Simplified calibration between screens with mobile app

Guarantee complete brand consistency across every display in every location. Using the Samsung mobile app, Smart Calibration ensures every display is calibrated correctly, showcasing brand logos and other collateral in the exact colors required.



## Supports the latest web-based content

Upload any piece of content, no matter how innovative. QMB-T's constant web-engine upgrades enables the latest types of content to be played without limitations, allowing for more diversified and engaging creative assets.



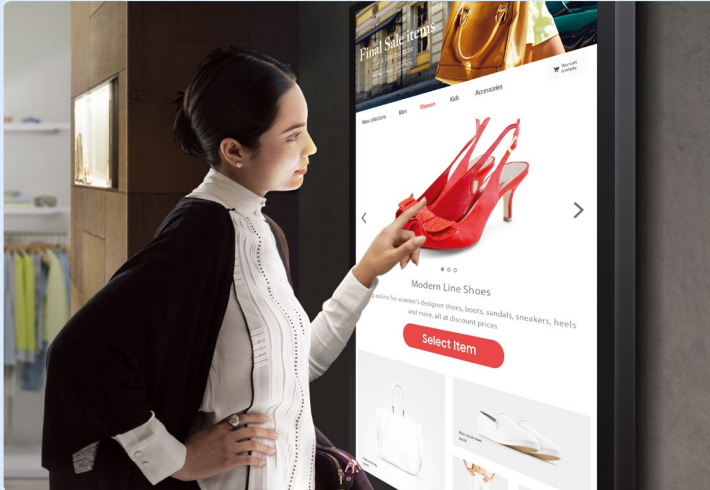
## Maintain settings without unintended changes

Designed to simplify management, Custom Home allows admins to lock specific settings, preventing users from changing settings. Now, QMB-T series can work throughout the day as intended, without errors, allowing IT to focus on other tasks.

# Built for any business environment

Samsung's QMB-T and QMR-T series are equipped for a wide variety of uses and its sleek design is suitable for any business environment. Impressive visuals create content that captivates customers from a quick glance or an extended interaction. The QMB-T and QMR-T series provide immediate value for any business looking to create an enhanced customer experience.

## Retail



## Transportation



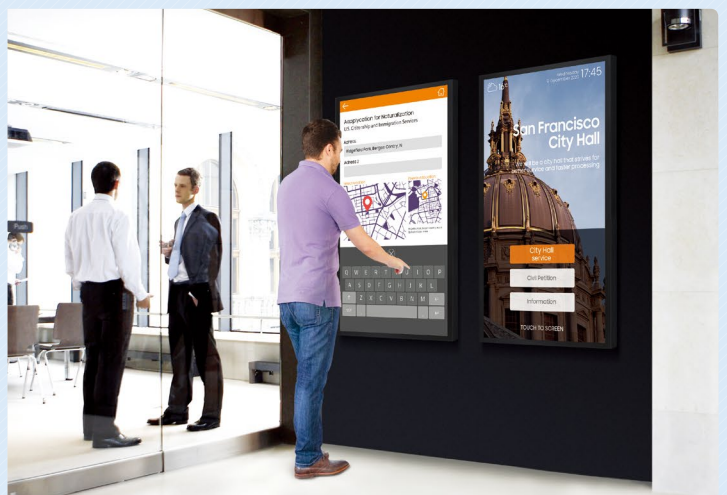
## QSR



## Entertainment



## Government



# Specification

Model		QM32R-T	QM43B-T	QM55B-T		
Display Panel	Diagonal Size	32"	43"	55"		
		Class				
		Measured	31.5"	42.5" / 107.9cm	54.6" / 138.7cm	
		Resolution	1920x1080(16:9)	3840x2160(16:9)	3840x2160(16:9)	
		Brightness(Typ.)	400nit(without Touch Glass)	500nit(without Glass)	500nit(without Glass)	
		Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	
		Haze	2%(without glass)	25%(without Glass)	25%(without Glass)	
		Contrast Ratio(Typ.)	5000:1	4000:1 (* IPS - 1200:1)	4000:1	
		Type	VA	VA	VA	
		Active Display Area	698.4(H) x 392.85(V)	941.184 (H) x 529.416 (V)	1209.6(H) x 680.4(V)	
		Pixel Pitch(mm)	0.3638 x 0.3638	0.2451 x 0.2451	0.315 x 0.315	
	Color Gamut	72%	92%(DCI-P3, CIE 1976)	92%(DCI-P3, CIE 1976)		
	Operation Hour	16/7	24/7	24/7		
Connectivity / Sound	INPUT	VIDEO	HDMI 2.0(2)	HDMI 2.0(3)	HDMI 2.0(3)	
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	
		AUDIO	N/A	N/A	N/A	
		USB	USB 2.0(2)	USB 2.0(2)	USB 2.0(2)	
		Tuner	N/A	N/A	N/A	
	OUTPUT	VIDEO	N/A	N/A	N/A	
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	
		USB	Touch out 2(PC/screen)	Touch out 2(PC/screen)	Touch out 2(PC/screen)	
		WiFi / BT	O / O	O / O	O / O	
	EXTERNAL CONTROL		RS232C(in/out), RJ45	RS232C(in/out), RJ45	RS232C(in/out), RJ45	
	Speaker		10W 2ch	10W 2ch	10W 2ch	
Mechanical Spec	Dimension (mm)	Set	744.4 x 444.6 x 48.2	986.2 x 584.4 x 56.7	1253.8 x 734.6 x 56.7	
		Package	872 x 565 x 133	1134 x 725 x 141	1421 x 884 x 165	
	Weight (kg)	Set	8.3	14.5	26.9	
		Package	11.1	18.7	32.5	
	VESA Mount		200 x 200	200 x 200	200 x 200	
Bezel Width(mm)		24.5/24.5/21.5/21.5(U/D/L/R)	26.0/26.0/21.0/21.0(U/D/L/R)	26.0/26.0/21.0/21.0(U/D/L/R)		
Features	Key		FHD Signage Display with Built-in MagicInfo S6 SSSP 6.0, Cap touch	UHD Signage with Built-in MagicInfo S10 SSSP 10.0	UHD Signage with Built-in MagicInfo S10 SSSP 10.0	
	Internal Player	Operating System	Tizen 4.0(VDLinux)	Tizen 6.5	Tizen 6.5	
		Processor	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz Quad-Core CPU	
		Storage(FDM)	8GB	16GB	16GB	
	Touch	Type	N/A	N/A	N/A	
		# of Drawing	N/A	N/A	N/A	
		Touch Pen Type	N/A	N/A	N/A	
		Object Recognition Range	N/A	N/A	N/A	
		Haze	N/A	N/A	N/A	
		Thickness	N/A	N/A	N/A	
		Hardness	N/A	N/A	N/A	
	Additional Film		N/A	N/A	N/A	
	Special	H/W	Temperature Sensor		Symmetric Design(same with QxR)	Symmetric Design(same with QxR)
			Pivot Display		Center IR	Center IR
		S/W	Clock Battery(168hrs Clock Keeping)		Temperature Sensor	Temperature Sensor
			Built in Speaker(10W 2ch)		Auto Level	Auto Level
	Video Wall Daisy Chain(HDCP2.2:4EA, HD-CP1.4:7EA)			Wi-Fi(2.4/5.0GHz dual)/BT	Wi-Fi(2.4/5.0GHz dual)/BT	
Wi-Fi / BT						
Workspace(Microsoft365/VMWare/RDP)			Workspace(Microsoft365/VMWare/RDP)	Workspace(Microsoft365/VMWare/RDP)		
Custom Home			Custom Home	Custom Home		
Auto Source Switching & Recovery			Auto Source Switching & Recovery	Auto Source Switching & Recovery		
Dicom Simulation Mode			Dicom Simulation Mode	Dicom Simulation Mode		
Director Mode			Director Mode	Director Mode		
Upgradable Web-Engine			Upgradable Web-Engine	Upgradable Web-Engine		
Tizen Enterprise Platform			Tizen Enterprise Platform	Tizen Enterprise Platform		
Video Conference Solution			Video Conference Solution	Video Conference Solution		
Smart Calibration			Smart Calibration	Smart Calibration		
Certification	Safety		60950-1	60950-1 / 62368-1	60950-1 / 62368-1	
	EMC		Class B	Class B	Class B	
	Environment		ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	ENERGY STAR 8.0, EPEAT	
	IP Rating		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	
Power	Power Supply		AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	
	Power Consumption	Max[W/h]	72	110	143	
		Typical[W/h]	45	90	108	
		Sleep mode	0.5W	less than 0.5W	less than 0.5W	
Operating Condition	Temperature		0°C~40°C	0°C~40°C	0°C~40°C	
	Relative Humidity		10~80%	10~80%	10~80%	
Accessories	Included		Quick Setup Guide Warranty Card Power Cord Remote Controller & Batteries RS232C(IN) Gender USB Cable	Quick Setup Guide Warranty Card Power Cord RS232C(IN) Gender Remote Controller & Batteries	Quick Setup Guide Warranty Card Power Cord RS232C(IN) Gender Remote Controller & Batteries	
	Optional	Stand	STN-L3240E	STN-L4355G	STN-L4355G	
		Mount	WMN4070SE(Landscape Only) WMN750ME	WMN4070SG(Landscape Only) WMN750ME	WMN4070SG(Landscape Only) WMN750ME	
		Specialty	CML400XK	CML400XR	CML400XR	

## **About Samsung Electronics Co., Ltd.**

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at [news.samsung.com](https://news.samsung.com).

## **Smart Signage**

For more information about Samsung Smart Signage QMB-T, QMR-T series displays, visit [www.samsung.com/business](https://www.samsung.com/business) or [www.samsung.com/displaysolutions](https://www.samsung.com/displaysolutions)

Copyright © 2022 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.  
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

2022-07