

# Interactive touch display

## QMB-T, QMR-T series

Increase customer engagement with intuitive touch displays

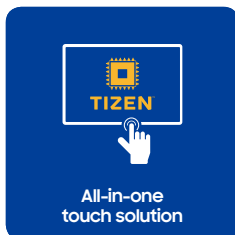


## Increased demand for interactive displays in retail and transportation

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

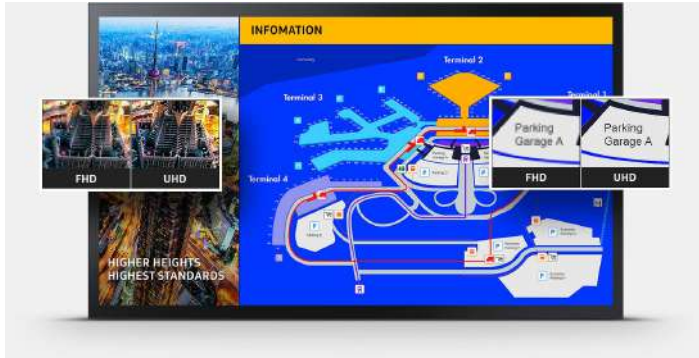
Samsung's QMB-T and QMR-T series allow businesses to maximize use of touch display with a built-in, high performance Tizen-based media player. The all-in-one design eliminates the need for an external player and the advanced Tizen OS enables a wide variety of apps.



### 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

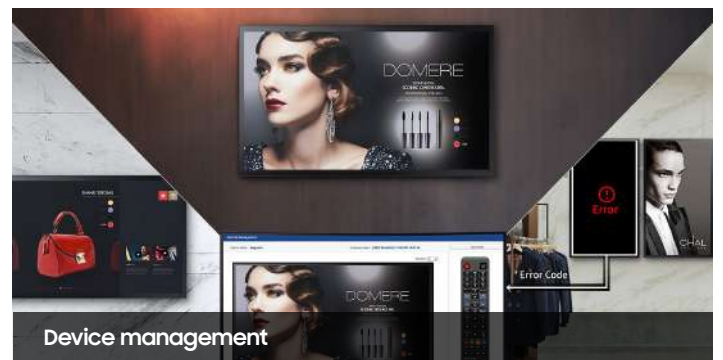
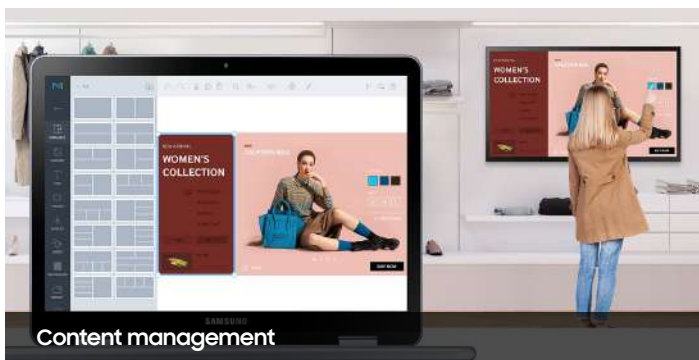
The QMB-T series offers improved visibility through non-glare glass fitted on the display. This removes any distracting reflections that might disturb customer engagement, while the haze coating on the glass creates a smoother touch for the user's hand.

## 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.



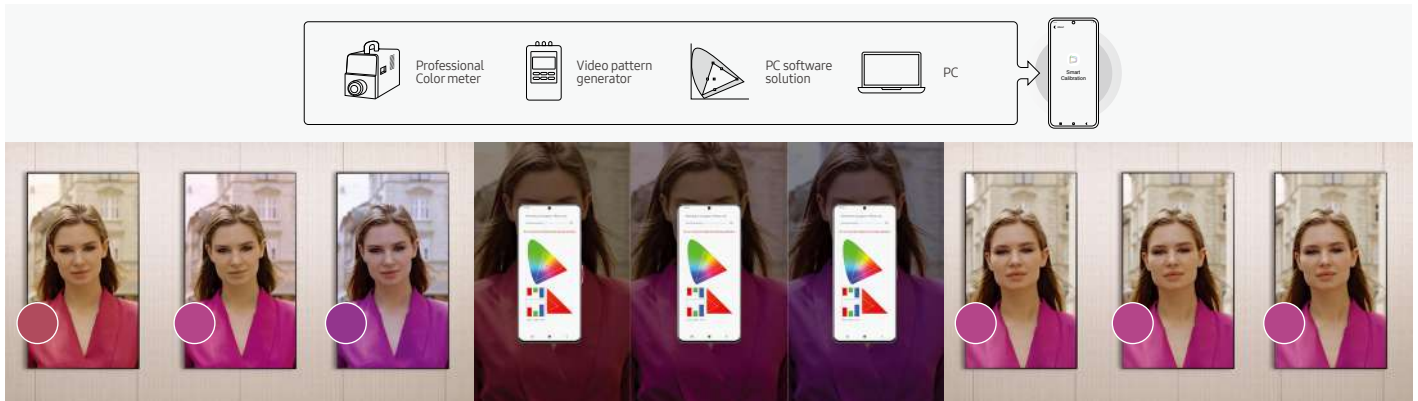
## Easier setups and updates for reduced workloads

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.



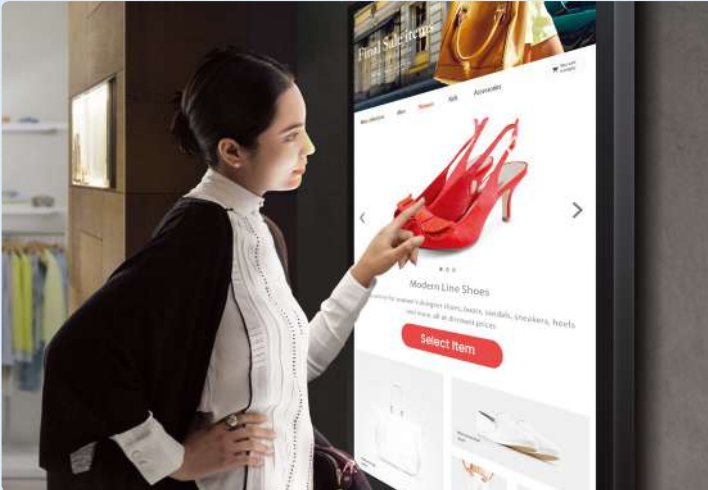
## Maintain settings without unintended changes

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        | Class                    | 32"                                                                                                                                                                       | 43"                                                                                                                                                                                                                                     | 55"                                                                                                                                                                                                                                     |                        |
|                      |                      | 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)                                                                                                                                                               | DP1.2(1)<br>HDMI 2.0(3)                                                                                                                                                                                                                 | DP1.2(1)<br>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<br>Pivot Display<br>Clock Battery(168hrs Clock Keeping)<br>Built in Speaker(10W 2ch)<br>Video Wall Daisy Chain(HDCP2.2:4EA,HD-CP1.4:7EA)<br>Wi-Fi / BT | Symmetric Design(same with QxR)<br>Center IR<br>Temperature Sensor<br>Auto Level<br>Wi-Fi(2.4/5.0GHz dual)/BT                                                                                                                           | Symmetric Design(same with QxR)<br>Center IR<br>Temperature Sensor<br>Auto Level<br>Wi-Fi(2.4/5.0GHz dual)/BT                                                                                                                           |                        |
|                      |                      | S/W                      | Auto Source Switching & Recovery<br>LFD Home UI<br>Button Lock<br>Hot key option<br>Plug&Play(Initial Setting)                                                            | Workspace(Microsoft365/VMWare/RDP)<br>Custom Home<br>Auto Source Switching & Recovery<br>Dicom Simulation Mode<br>Director Mode<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration | Workspace(Microsoft365/VMWare/RDP)<br>Custom Home<br>Auto Source Switching & Recovery<br>Dicom Simulation Mode<br>Director Mode<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>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                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                         |                        |
| Power                | Power Supply         |                          | AC 100 - 240 V, 50/60 Hz                                                                                                                                                  | AC 100 - 240 V, 50/60 Hz                                                                                                                                                                                                                | AC 100 - 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℃~40℃                                                                                                                                                                    | 0℃~40℃                                                                                                                                                                                                                                  | 0℃~40℃                                                                                                                                                                                                                                  |                        |
|                      | Relative Humidity    |                          | 10~80%                                                                                                                                                                    | 10~80%                                                                                                                                                                                                                                  | 10~80%                                                                                                                                                                                                                                  |                        |
| Accessories          | Included             |                          | Quick Setup Guide<br>Warranty Card<br>Power Cord<br>Remote Controller & Batteries<br>RS232C(IN) Gender<br>USB Cable                                                       | Quick Setup Guide<br>Warranty Card<br>Power Cord<br>RS232C(IN) Gender<br>Remote Controller & Batteries                                                                                                                                  | Quick Setup Guide<br>Warranty Card<br>Power Cord<br>RS232C(IN) Gender<br>Remote Controller & Batteries                                                                                                                                  |                        |
|                      |                      |                          |                                                                                                                                                                           |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                         |                        |
|                      | Optional             | Stand                    | STN-L3240E                                                                                                                                                                | STN-L4355G                                                                                                                                                                                                                              | STN-L4355G                                                                                                                                                                                                                              |                        |
|                      |                      | Mount                    | WMN4070SE(Landscape Only)<br>WMN750ME                                                                                                                                     | WMN4070SG(Landscape Only)<br>WMN750ME                                                                                                                                                                                                   | WMN4070SG(Landscape Only)<br>WMN750ME                                                                                                                                                                                                   |                        |
|                      | Specialty            |                          | CML400XK                                                                                                                                                                  | CML400XR                                                                                                                                                                                                                                | CML400XR                                                                                                                                                                                                                                |                        |

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## 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)

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