SAMSUNG






# Crystal UHD Signage

QMC series

## Slim design. Stunning performance.

Introducing the QMC series, the slimmest display in the Samsung's UHD signage offerings. This products deliver an unparalleled slim design that fits into any business, while delivering the visual quality to make a big impact. The sleek form factor is easily installed to fit any room design and delivers stunning visual performance. Dynamic Crystal Color and Quantum Processor Lite 4K delivering consistent, lifelike colors to any content. This is not just a display for simple advertising. It's a display that brings the solutions, tools, and picture quality to grow to your business, no matter what industry you're in.

## Key features

### Ultra Slim Depth

The unparalleled ultra-slim thickness of 28.5mm makes it the thinnest option in Samsung's UHD Signage series. It comes with the Slim Fit Wall Mount, which allows you to install it neatly and easily in any environment.

### Even Bezels and Centered VESA Holes

The bezels are even on all four sides of the display for a consistent look, while the central VESA mounting holes ensure secure mounting and easy adjustability to portrait mode.

### Dynamic Crystal Color

One billion shades of color let you see every subtlety with lifelike color variations. Images are clear and consistent thanks to Samsung's industry leading video processing and upscaling technology.

### Smartview+

In the QMC series, SmartView+ enables wireless screen sharing for easy collaboration and quick screen switching with just a click.

### Smart Calibration

Guarantee complete brand consistency across every location. Using the Samsung mobile app, calibrate displays to showcase brand logos and other collateral in the exact colors required.

### Energy Star / EPEAT Bronze / TÜV Rheinland Carbon Footprint

Samsung is making diverse efforts to reduce our environmental impact in smart signage, and encouraging users to pursue a more sustainable life.

# Specifications

| Model | | | QM43C | QM50C | QM55C | QM65C | QM75C | QM85C |
|---|---|---|---|---|---|---|---|---|
| Display Panel | Diagonal Size | Class | 43 | 50 | 55 | 65 | 75 | 85 |
| | | Measured | 42.5 | 48.5 | 54.6 | 64.5 | 74.5 | 84.5 |
| | Resolution | | 3,840 x 2,160 (16:9) | 3,840 x 2,160 (16:9) | 3,840 x 2,160 (16:9) | 3,840 x 2,160 (16:9) | 3,840 x 2,160 (16:9) | 3,840 x 2,160 (16:9) |
| | Brightness (Typ.) | | 500 nit | 500 nit | 500 nit | 500 nit | 500 nit | 500 nit |
| | Orientation | | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait | Landscape/Portrait |
| | Haze | | 25% | 25% | 25% | 25% | 25% | 25% |
| | Contrast Ratio (Typ.) | | 4,000:1 (* IPS - 1,200:1) | 4,000:1 (* IPS - 1,200:1) | 4,000:1 | 4,000:1 | 4,000:1 | 4,000:1 |
| | Type | | VA/IPS | VA/IPS | VA | VA | VA | VA |
| | Active Display Area | | 941.184 (H) x 529.416 (V) | 1,095.84 (H) x 616.4 (V) | 1,209.6 (H) x 680.4 (V) | 1,428.48 (H) x 803.5 2(V) | 1,650.24 (H) x 928.26 (V) | 1,872.0 (H) x 1,053.01 (V) |
| | Pixel Pitch (mm) | | 0.245 x 0.245 | 0.285 x 0.285 | 0.315 x 0.315 | 0.372 x 0.372 | 0.429 x 0.429 | 0.487 x 0.487 |
| | Color Gamut | | NTSC 72% | NTSC 72% | NTSC 72% | NTSC 72% | NTSC 72% | NTSC 72% |
| | Operation Hour | | 24/7 | 24/7 | 24/7 | 24/7 | 24/7 | 24/7 |
| Connectivity / Sound | Input | Video | DP1.2 (1), HDMI 2.0 (3) | DP1.2 (1), HDMI 2.0 (3) | DP1.2 (1), HDMI 2.0 (3) | DP1.2 (1), HDMI 2.0 (3) | DP1.2 (1), HDMI 2.0 (3) | DP1.2 (1), HDMI 2.0 (3) |
| | | Audio | N/A | N/A | N/A | N/A | N/A | N/A |
| | | 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 |
| | | Tuner | N/A | N/A | N/A | N/A | N/A | N/A |
| | Output | Video | 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 |
| | | USB | N/A | N/A | N/A | N/A | N/A | N/A |
| | WiFi / BT | | O/O | O/O | O/O | O/O | O/O | O/O |
| | External Control | | RS232C (In/Out), RJ45 | RS232C (In/Out), RJ45 | RS232C (In/Out), RJ45 | RS232C (In/Out), RJ45 | RS232C (In/Out), RJ45 | RS232C (In/Out), RJ45 |
| | Speaker | | 10W 2ch | 10W 2ch | 10W 2ch | 10W 2ch | 10W 2ch | 10W 2ch |
| Mechanical Spec | Dimension (mm) | Set | 969.5 x 557.8 x 28.5 | 1,124.1 x 644.8 x 28.5 | 1,237.9 x 708.8 x 28.5 | 1,456.8 x 831.9 x 28.5 | 1,682.3 x 960.4 x 28.5 | 1,904.3 x 1085.3 x 28.5 |
| | | Package | TBD | TBD | TBD | TBD | TBD | TBD |
| | Weight (kg) | Set | TBD | TBD | TBD | TBD | TBD | TBD |
| | | Package | TBD | TBD | TBD | TBD | TBD | TBD |
| | VESA Mount | | 200 x 200 | 200 x 200 | 200 x 200 | 400 x 300 | 400 x 400 | 400 x 400 |
| | VESA Mount Screw (Min~Max) | | M8, 12~14mm | M8, 12~14mm | M8, 12~14mm | M8, 12~14mm | M8, 12~14mm | M8, 12~14mm |
| | Bezel Width (mm) | | 11.5 (Even) | 11.5 (Even) | 11.5 (Even) | 11.5 (Even) | 13.4 (Even) | 13.9 (Even) |
| Features | Key | | UHD Signage with Built-in MagicInfoS10, SSSP10.0 | UHD Signage with Built-in MagicInfoS10, SSSP10.0 | UHD Signage with Built-in MagicInfoS10, SSSP10.0 | UHD Signage with Built-in MagicInfoS10, SSSP10.0 | UHD Signage with Built-in MagicInfoS10, SSSP10.0 | UHD Signage with Built-in MagicInfoS10, SSSP10.0 |
| | Internal Player | Operating System | Tizen 7.0 | Tizen 7.0 | Tizen 7.0 | Tizen 7.0 | Tizen 7.0 | Tizen 7.0 |
| | | Processor | CA731.6GHz Quad-Core | CA731.6GHz Quad-Core | CA731.6GHz Quad-Core | CA731.6GHz Quad-Core | CA731.6GHz Quad-Core | CA731.6GHz Quad-Core |
| | | Storage (FDM) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) |
| | Special | H/W | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi (2.4/5.0GHz dual) and BT | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi (2.4/5.0GHz dual) and BT | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi (2.4/5.0GHz dual) and BT | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi (2.4/5.0GHz dual) and BT | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi (2.4/5.0GHz dual) and BT | 2nd Gen. B2B Design<br>Center IR<br>Temperature Sensor<br>Ambient Sensor<br>Auto Level<br>Wi-Fi (2.4/5.0GHz dual) and BT |
| | | S/W | Signage New Home<br>Workspace<br>(Microsoft371/VMWare/RDP)<br>Custom Home<br>Auto Source<br>Switching and Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SmartView+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration | Signage New Home<br>Workspace<br>(Microsoft371/VMWare/RDP)<br>Custom Home<br>Auto Source<br>Switching and Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SmartView+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration | Signage New Home<br>Workspace<br>(Microsoft371/VMWare/RDP)<br>Custom Home<br>Auto Source<br>Switching and Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SmartView+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration | Signage New Home<br>Workspace<br>(Microsoft371/VMWare/RDP)<br>Custom Home<br>Auto Source<br>Switching and Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SmartView+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration | Signage New Home<br>Workspace<br>(Microsoft371/VMWare/RDP)<br>Custom Home<br>Auto Source<br>Switching and Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SmartView+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration | Signage New Home<br>Workspace<br>(Microsoft371/VMWare/RDP)<br>Custom Home<br>Auto Source<br>Switching and Recovery<br>Dicom Simulation Mode<br>Director Mode<br>SmartView+<br>Upgradable Web-Engine<br>Tizen Enterprise Platform<br>Video Conference Solution<br>Smart Calibration |
| Certification | Safety | | 60950-1/62368-1 | 60950-1/62368-1 | 60950-1/62368-1 | 60950-1/62368-1 | 60950-1/62368-1 | 60950-1/62368-1 |
| | EMC | | Class B | Class B | Class B | Class B | Class B | Class A |
| | Environment | | 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 | ENERGY STAR 8.0, EPEAT |
| | IP Rating | | IP5x | IP5x | IP5x | IP5x | IP5x | IP5x |
| | Security | | 802.1 x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP | 802.1 x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP | 802.1 x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP | 802.1 x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP | 802.1 x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP | 802.1 x (WPA2 Enterprise):<br>EAP-TLS, EAP-TTLS, EAP-PEAP |
| Power | 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[W/h] | TBD | TBD | TBD | TBD | TBD | TBD |
| | | Typical[W/h] | TBD | TBD | TBD | TBD | TBD | TBD |
| | | Sleep mode | less than 0.5W | less than 0.5W | less than 0.5W | less than 0.5W | less than 0.5W | less than 0.5W |
| Operating Condition | Temperature | | 0℃~ 40℃ | 0℃~ 40℃ | 0℃~ 40℃ | 0℃~ 40℃ | 0℃~ 40℃ | 0℃~ 40℃ |
| | Relative Humidity | | 10~80% | 10~80% | 10~80% | 10~80% | 10~80% | 10~80% |
| Accessories | Included | | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C (In) Gender<br>Remote Controller and Batteries | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C (In) Gender<br>Remote Controller and Batteries | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C (In) Gender<br>Remote Controller and Batteries | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C (In) Gender<br>Remote Controller and Batteries | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C (In) Gender<br>Remote Controller and Batteries | Quick Setup Guide,<br>Warranty Card,<br>Power Cord<br>RS232C (In) Gender<br>Remote Controller & Batteries |
| | Optional | Stand | STN-L4355C | STN-L4355C | STN-L4355C | STN-L6585C | STN-L6585C | STN-L6585C |
| | | Mount | WMN-B50SC | WMN-B50SC | WMN-B50SC | WMN-B50SC | WMN-B50SC | N/A |
| | | Specialty | TBD | TBD | TBD | TBD | TBD | TBD |

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