



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

QMC series has earned an ENERGY STAR 8.0 certification from the Environmental Protection Agency for its energy efficiency and an Electronic Product Environmental Assessment Tool (EPEAT) certification in recognition of its eco-conscious efforts, such as its recycled plastic use. Also, The 50" model QM50C series is the first signage models to receive a product carbon footprint certification from TÜV Rheinland, a global testing body.

* The certification status of TÜV Rheinland Carbon Footprint may vary depending on the inch.

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 803.52 (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 1,085.3 x 28.5 |
| | | Package | 1,093 x 667 x 126 | 1,246 x 761 x 131 | 1,403 x 835 x 148 | 1,616 x 945 x 164 | 1,839 x 1,113 x 180 | 2,077 x 1,222 x 210 |
| | Weight (kg) | Set | 8.8 | 11.8 | 15.7 | 21.5 | 33.4 | 41.9 |
| | | Package | 11.3 | 14.9 | 19.9 | 28.0 | 43.5 | 53.9 |
| | VESA Mount | | 200 x 200 | 200 x 200 | 200 x 200 | 400 x 300 | 400 x 400 | 600 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) | 13.4 (Even) | 13.9 (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 |
| | H/W | Storage (FDM) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) | 16GB (10GB available) |
| | | Center IR | 2nd Gen. B2B Design Center IR | 2nd Gen. B2B Design Center IR | 2nd Gen. B2B Design Center IR | 2nd Gen. B2B Design Center IR | 2nd Gen. B2B Design Center IR | 2nd Gen. B2B Design Center IR |
| | Special | Temperature Sensor | Temperature Sensor | Temperature Sensor | Temperature Sensor | Temperature Sensor | Temperature Sensor | Temperature Sensor |
| | | Ambient Sensor | Ambient Sensor | Ambient Sensor | Ambient Sensor | Ambient Sensor | Ambient Sensor | Ambient Sensor |
| | S/W | | Auto Level | Auto Level | Auto Level | Auto Level | Auto Level | Auto Level |
| Wi-Fi (2.4/5.0GHz dual) & BT | | Wi-Fi (2.4/5.0GHz dual) & BT | Wi-Fi (2.4/5.0GHz dual) & BT | Wi-Fi (2.4/5.0GHz dual) & BT | Wi-Fi (2.4/5.0GHz dual) & BT | Wi-Fi (2.4/5.0GHz dual) & BT | Wi-Fi (2.4/5.0GHz dual) & BT | |
| 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 | | 802.1x (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 | 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 | AC100 - 240 V, 50/60 Hz | AC100 - 240 V, 50/60 Hz | AC100 - 240 V, 50/60 Hz |
| | Power Consumption | Max[W/h] | 121 | 132 | 154 | 187 | 214.5 | 330 |
| | | Typical[W/h] | 73 | 84 | 102 | 135 | 151 | 237 |
| 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°C - 40°C | 0°C - 40°C | 0°C - 40°C | 0°C - 40°C | 0°C - 40°C | 0°C - 40°C |
| | Relative Humidity | | 10-80% | 10-80% | 10-80% | 10-80% | 10-80% | 10-80% |
| Accessories | Included | | Quick Setup Guide, Warranty Card, Power Cord | Quick Setup Guide, Warranty Card, Power Cord | Quick Setup Guide, Warranty Card, Power Cord | Quick Setup Guide, Warranty Card, Power Cord | Quick Setup Guide, Warranty Card, Power Cord | Quick Setup Guide, Warranty Card, Power Cord |
| | Optional | | Remote Controller & Batteries | Remote Controller & Batteries | Remote Controller & Batteries | Remote Controller & Batteries | Remote Controller & Batteries | Remote Controller & Batteries |
| | Stand Mount | STN-L4355C | STN-L4355C | STN-L4355C | STN-L6585C | STN-L6585C | STN-L6585C | STN-L6585C |
| Warranty | | Warranty Card | Warranty Card | Warranty Card | Warranty Card | Warranty Card | Warranty Card | |

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