

**SAMSUNG**



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**ARTIUM MUSEUM  
03.01 ~ 05.31**

## **Samsung Smart Signage**

**QMR-B | QMT 4K UHD Series**

# Display any content in ultra-high definition with incredibly rich color on slim, efficient signage

Deliver big, bright, beautiful 4K messages, night and day. 4K picture quality, 3840 x 2160 UHD resolution gives you sharp, easy-to-see images and text, and even lower resolution content looks better, thanks to intelligent UHD upscaling. Dynamic Crystal Display enables a color range 64 times wider than conventional UHD displays, for colorful lifelike images full of subtle shades and detail. This premium signage display adds 500-nit brightness along with an anti-glare panel, which allows information to be easily seen even in brightly lit environments. 24/7 runtime ensures reliable, continuous delivery of your messages, and content management is made simple with the Samsung Smart Signage Platform (SSSP). Featuring an integrated SoC (System on Chip) media player and MagicINFO, there's no separate media player or PC required. It's an advanced all-in-one signage solution that allows you to easily create, edit and manage content. The Samsung QMR-B/QMT series displays. They will leave a lasting impression on your customers.

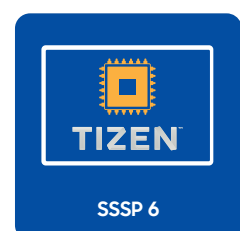
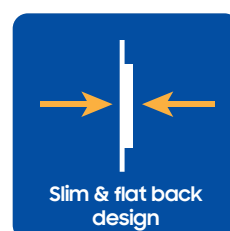
## Key Highlights

- Engage customers with lifelike images through ultra high-definition resolution
- Deliver UHD-level picture quality even with lower resolution content through Crystal Processor 4K supporting advanced UHD upscaling technology
- Dynamic Crystal Display allows viewers to enjoy a wider spectrum of colors, up to one billion shades
- Symmetrical, slim design simplifies installation and complements any environment
- Reliable, non-glare panels provide better visibility from all angles, anytime of day allowing businesses to deliver accurate information 24/7
- Integrated SoC (System on Chip) media player for easy content management and playback without an external set-back box or PC.

## Why Samsung's QMR-B / QMT series for your Business?

The QMR-B/QMT minimalist slim design, clean cable management solution, continuous operation capability and IP5X certification make them ideal for retail stores, office spaces, public spaces and more.

The Dynamic Crystal Display allows viewers to enjoy a wider spectrum of colors, up to one billion shades for more lifelike images, while true Ultra HD 4K color, 500-nit brightness and a non-glare panel ensures every word and image is as legible as it is impressive even in bright ambient light. Additionally, UHD Intelligent Upscaling enhances standard and high-definition content to the best possible picture quality, while the SMART Signage Platform 6.0 features an embedded media player, for easy content management and playback without an external set-back box or PC.



# Key features



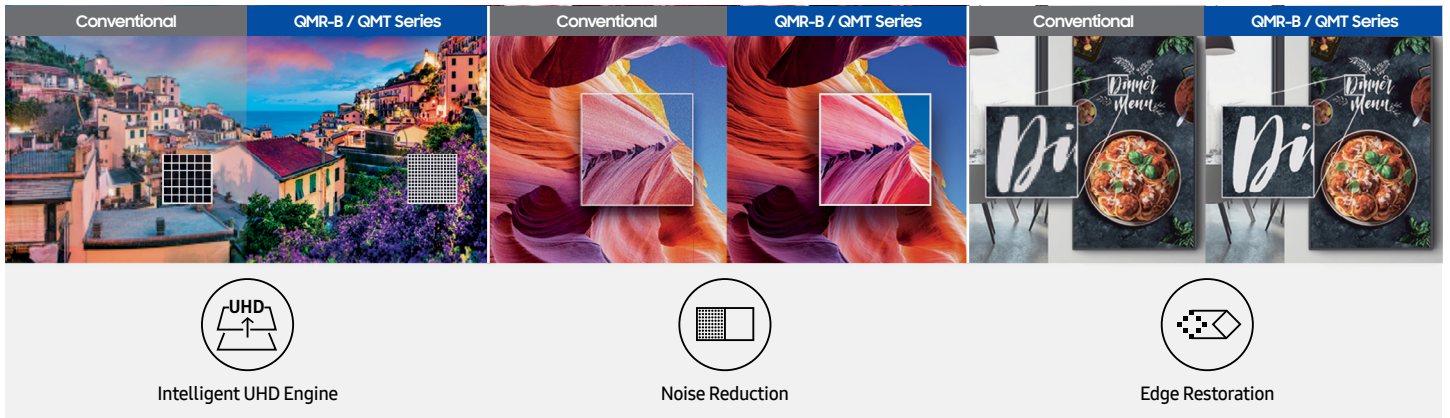
## Incredible 4K picture quality

Samsung's new QMR-B and QMT series is able to capture customer attention by providing an incredibly clear picture, showcasing lifelike images and intricate details better than ever before thanks to ultra high-definition 4K resolution.



## Bright non-glare display

When clear visibility is essential, the QMR-B and QMT series incorporates key features including up to 500 nit brightness and reliable, non-glare panels that provide better visibility from all angles, anytime of day. The display is ideal for locations such as airports and commuter stations where 24/7 access to clear and accurate information is crucial.



## Crystal Processor 4K

Samsung's global leadership in display technology and picture quality spans more than a decade. Thanks to superior semi-conductor technology, Samsung has developed the powerful video processor available. Additionally, intelligent UHD upscaling technology is a cutting-edge solution based on Samsung's proprietary UHD Processor that allows content developed at a lower resolution to be elevated to UHD-level quality. It also performs edge restoration and noise reduction to optimize on-screen text and imagery with crisp edges and fine detail.



## Dynamic Crystal Display

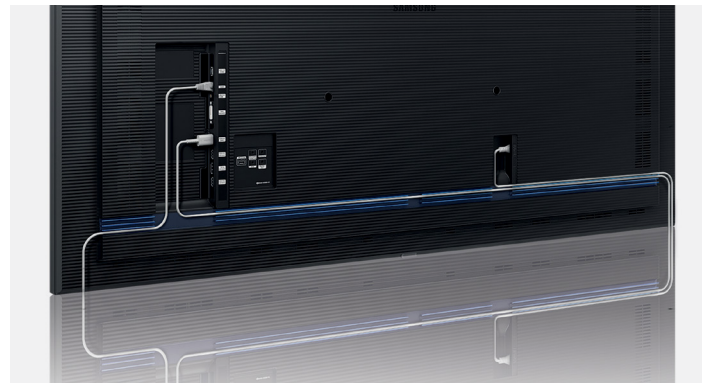
Dynamic Crystal Display is what brings the incredible, lifelike color to Samsung displays. Using 10-bit processing, the displays are able to showcase a wider spectrum of colors — up to a billion different shades — capturing subtle differences for flawless color expression, critical to businesses in ensuring brand consistency across communication channels.

# Key features



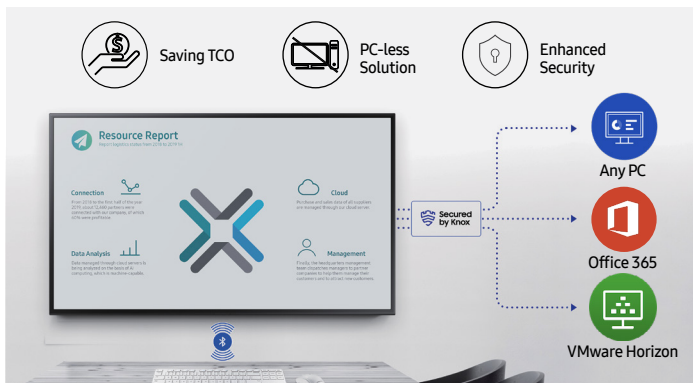
## Slim and symmetrical design

The all-new slim and symmetrical design of the QMR-B and QMT series significantly simplifies wall mounting the display and ensures installation is a seamless process. The display's power inlet direction has been redesigned to sit flush against the wall. The new design sets guarantees a long life cycle ensuring the QMR-B and QMT series will stand the test of time.



## Clean cable management

In a corporate or retail environment, the back of a display is often visible to customers. With the QMR-B and QMT series' new cable guide feature retailers can tuck messy cables away from view. This allows for a clean and more visually-appealing customer shopping experience.



## Samsung Workspace secured by Knox

Samsung Workspace is a powerful new feature fortified by proprietary Knox security technology allowing users to create an enhanced virtual collaboration workspace without needing a PC in the room, or any physical connection. Simply connect a keyboard and mouse to the display and immediately get to work accessing a PC remotely or web based cloud services such as Microsoft Office 365 and VMWare Horizon.

\* Samsung Workspace feature support may vary by region and market conditions.  
\* The scheduled availability of this feature varies by model.



## Powerful, all-in-one solution

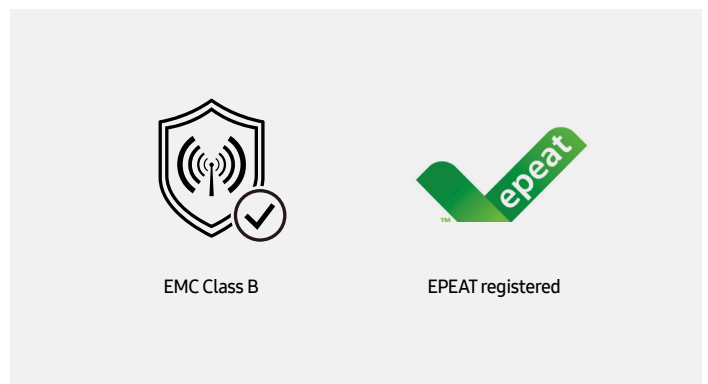
The Samsung SMART Signage Platform (SSSP) is an open-source, all-in-one solution embedded in Samsung SMART signage that simplifies installation and maintenance. With SSSP, there is no need for any external devices to communicate with the server or play digital media enjoying easy development, reinforced capability with multiple web formats, and secured protection.



## Wi-Fi built-in

The QMR-B and QMT series features a nearly endless range of business use cases thanks to built-in Wi-Fi. Wireless connectivity simplifies how businesses showcase content.

\* Image is for illustrative purposes only, specific application or program may have to be developed for the depicted usage scenario.



## Industry standard certified

QMR-B displays are EMC class B compliant, providing a safe and healthy viewing environment by meeting strict standards of electromagnetic wave emission and assuring reliable operation even near other electronic equipment. The displays are also registered by EPEAT, the global ecolabel for IT, confirming the hardware is sustainable for the full product lifecycle, from design and production to energy use and recycling.

\* QM85R and QM98T have EMC class A certification and not registered by EPEAT.

# Specifications

Model			QM43R-B	QM50R-B	QM55R-B	QM65R-B	QM75R-B
Panel	Diagonal Size	Class	43	50	55	65	75
		Measured	42.5	49.5	54.6	64.5	74.5
	Type	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	
	Resolution	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	
	Pixel Pitch (mm)	0.2451 x 0.2451	0.285 x 0.285	0.315 x 0.315	0.372 x 0.372	0.42975 x 0.42975	
	Active Display Area	941.184 (H) x 529.416 (V)	1095.84(H) x 616.41(V)	1209.6(H) x 680.4(V)	1428.48 (H) x 803.52 (V)	1650.24 (H) x 928.26 (V)	
	Brightness(Typ.)	500	500	500	500	500	
	Contrast Ratio (Typ.)	4000:1	4000:1	4000:1	4000:1	4000:1	
	Viewing Angle(H/V)	178/178	178/178	178/178	178/178	178/178	
	Response Time (G to G)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	
	Display Colors	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	
	Color Gamut	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	
	Operation Hour	24/7	24/7	24/7	24/7	24/7	
Haze	44%	25%	25%	25%	44%		
Display	Dynamic C/R	MEGA	MEGA	MEGA	MEGA	MEGA	
	H-Scanning Frequency	30 ~ 81kHz	30 ~ 81kHz	30 ~ 81kHz	30 ~ 81kHz	30 ~ 81kHz	
	V-Scanning Frequency	48 ~ 75Hz	48 ~ 75Hz	48 ~ 75Hz	48 ~ 75Hz	48 ~ 75Hz	
	Maximum Pixel Frequency	594MHz	594MHz	594MHz	594MHz	594MHz	
Sound	Speaker Type	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	
Connectivity	INPUT	RGB	Display Port1.2 (1)	Display Port1.2 (1)	Display Port1.2 (1)	Display Port1.2 (1)	Display Port1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, DVI, HDMI/Audio(Common)	Stereo mini Jack, DVI, HDMI/Audio(Common)	Stereo mini Jack, DVI, HDMI/Audio(Common)	Stereo mini Jack, DVI, HDMI/Audio(Common)	Stereo mini Jack, DVI, HDMI/Audio(Common)
		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
	OUTPUT	RGB	N/A	N/A	N/A	N/A	N/A
		VIDEO	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
		Power Out	N/A	N/A	N/A	N/A	N/A
		USB	N/A	N/A	N/A	N/A	N/A
	EXTERNAL CONTROL	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	
	EXTERNAL SENSOR	IR	IR	IR	IR	IR	
	Tuner	N/A	N/A	N/A	N/A	N/A	
Power	Type	Internal	Internal	Internal	Internal	Internal	
	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	
	Power Consumption	Max[W/h]	110	170.5	143	181.5	231
		Typical[W/h]	74	117	108	131	178
		Rating[W/h]	100	155	130	165	210
		BTU(Max)	375.1	581.4	487.6	618.9	787.7
		Sleep mode	0.5	0.5	0.5	0.5	0.5
Off mode	N/A	N/A	N/A	N/A	N/A		
Mechanical Spec	Dimension(mm)	Set	967.5 x 557.7 x 48.3	1121.4 x 643.9 x 46.3	1235.1 x 707.9 x 46.3	1453.9 x 831.0 x 46.3	1681.1 x 960.1 x 49.7
		Package	1095 x 676 x 151	1269 x 784 x 152	1402 x 858 x 163	1611 x 973 x 185	1871 x 1127 x 223
	Weight (kg)	Set	10	13.4	18.1	24.9	38.3
		Package	13.3	17.6	23.6	33.3	49
	VESA Mount	200 x 200	200 x 200	200 x 200	400 x 400	400 x 400	
	Protection Glass	N/A	N/A	N/A	N/A	N/A	
	Stand Type	Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	No	No	
Bezel Width (Top/Side/Bottom) (mm)	9.2mm(U/L/R), 11.2mm(B)	9.2mm(U/L/R), 11.2mm(B)	9.2mm(U/L/R), 11.2mm(B)	9.2mm(U/L/R), 11.2mm(B)	11.5mm(U/L/R), 12.5mm(B)		
Operation	Operating Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	
	Humidity	10-80%	10-80%	10-80%	10-80%	10-80%	
Key	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0		UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
Special	H/W	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA, HDCP1.4:7EA), IP5x Rating, Wi-Fi	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA, HDCP1.4:7EA), IP5x Rating, Wi-Fi	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA, HDCP1.4:7EA), IP5x Rating, Wi-Fi	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA, HDCP1.4:7EA), IP5x Rating, Wi-Fi	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA, HDCP1.4:7EA), IP5x Rating, Wi-Fi	
	S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
Feature	Processor	Coretex A721.7GHz Quad-Core CPU	Cortex A721.7GHz Quad-Core CPU	Coretex A721.7GHz Quad-Core CPU	Coretex A721.7GHz Quad-Core CPU	Coretex A721.7GHz Quad-Core CPU	
	On-Chip Cache Memory	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	
	Main Speed	1.7GHz	1.7GHz	1.7GHz	1.7GHz	1.7GHz	
	Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit	2.5GB LPDDR4 1.5GHz 64bit	2.5GB LPDDR4 1.5GHz 64bit	2.5GB LPDDR4 1.5GHz 64bit	2.5GB LPDDR4 1.5GHz 64bit	
	Internal Player (Embedded H/W)	Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)
		Storage (FDM)	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)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
	Multimedia		*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG
		IO Ports	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
		Operating System	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
	Certification	Safety	60950-1	60950-1	60950-1	60950-1	60950-1
EMC		Class B	Class B	Class B	Class B	Class B	
Environment		ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise)	
Security		: EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	: EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	: EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	: EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	: EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Included	STN-L4355F	STN-L4355F	STN-L4355F	No	No	
Accessories	Optional	Stand	WMN4070SE (Land Only)	WMN4070SE (Land Only)	WMN4070SE (Land Only)	WMN4277SE (Land Only)	
		Mount	WMN4070SE (Land Only)	WMN4070SE (Land Only)	WMN4070SE (Land Only)	WMN4277SE (Land Only)	
	Specialty	CML400XK	CML400XK	CML400XK	CLM450K	CLM450K	
Media Player	N/A	N/A	N/A	N/A	N/A		

# Specifications



Model			QM85R-B	QM98T
Panel	Diagonal Size	Class	85	98
		Measured	84.5	97.5
	Type	Edge LED BLU	Direct LED BLU	
	Resolution	UHD (3840 x 2160)	UHD (3840 x 2160)	
	Pixel Pitch (mm)	0.4875 x 0.4875	0.562 x 0.562 (mm)	
	Active Display Area	1872.0(H) x 1053.01(V)	2158.848(H) x 1214.352(V)	
	Brightness(Typ.)	500	500	
	Contrast Ratio (Typ.)	4000:1	1200:1	
	Viewing Angle(H/V)	178/178	178/178	
	Response Time (G to G)	8ms(Typ.)	8ms(Typ.)	
	Display Colors	16.7M(True Display) 1.07B(Dithered 10bit)	16.7M(True Display) 1.07B(Dithered 10bit)	
	Color Gamut	92% (DCI-P3, CIE 1976)	72%	
Operation Hour	24/7	24/7		
Haze	28%	25%		
Display	Dynamic C/R	MEGA	MEGA	
	H-Scanning Frequency	30 ~ 81kHz	30 ~ 81kHz	
	V-Scanning Frequency	48 ~ 75Hz	48 ~ 75Hz	
	Maximum Pixel Frequency	594MHz	594MHz	
Sound	Speaker Type	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	
Connectivity	INPUT	RGB	Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, DVI, HDMI/Audio(Common)	Stereo mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2
	OUTPUT	RGB	N/A	HDMI 2.0 (Loop-out)
		VIDEO	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A
		USB	N/A	N/A
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR
Tuner		N/A	N/A	
Power	Type	Internal	Internal	
	Power Supply	AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	
	Power Consumption	Max[W/h]	308	616
		Typical[W/h]	217	414
		Rating[W/h]	280	560
		BTU(Max)	1050.3	2101.9
		Sleep mode	0.5	0.5
Off mode	N/A	N/A		
Mechanical Spec	Dimension(mm)	Set	1897.8 x 1080.8 x 56.7	2195.8 x 1250.8 x 96.5
		Package	2090 x 1247 x 260	2369 x 1405 x 350
	Weight (kg)	Set	48.4	83
		Package	63.7	106
	VESA Mount		600 x 400	800 x 400
	Protection Glass		N/A	N/A
Stand Type		N/A	N/A	
Operation	Bezel Width (Top/Side/Bot) (mm)	10.9mm(U/L/R), 12.9mm(B)	17.9	
	Operating Temperature	0°C~ 40°C	0°C~ 40°C	
Humidity		10~80%	10~80%	
Feature	Key	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	UHD Signage Display Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0	
	Special	H/W	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x Rating, Wi-Fi	Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), Wi-Fi
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)
	Internal Player (Embedded H/W)	Processor	Cortex A721.7GHz Quad-Core CPU	Cortex A721.7GHz Quad-Core CPU
		On-Chip Cache	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB
		Memory	1.7GHz	1.7GHz
		Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit	2.5GB LPDDR4 1.5GHz 64bit
		Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
		Multimedia	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG
	IO Ports	USB 2.0	USB 2.0	
	Operating System	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	
Certification	Safety	60950-1	60950-1	
	EMC	Class A	Class A	
	Environment	N/A	N/A	
	Security	802.1x(WPA2 Enterprise) (201-) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	
Accessories	Included	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Optional	Stand	N/A	N/A
		Mount	WMN8200SF / WMN8200SG	WMN8200SG
		Specialty	N/A	N/A
		Media Player	N/A	N/A

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