Makes everything look better. Especially you.

QMN Series UHD Commercial Displays

With Intelligent Picture Quality technology, every message looks better on the Samsung QMN series displays. Samsung's Intelligent Picture Quality converts content to UHD-level quality, so everything displayed on the 4K UHD screens will be breathtaking. Text will be sharp, clear and legible. Graphics will be highly detailed and richly textured. With four times the pixel resolution of 1080p Full HD, all the detail, depth and clarity will be just as the content creator intended. Ideal for any indoor venue, whether in a retail, corporate, hospitality or public setting, the QMN series is designed to be impactful.

Key Features

UHD for Stunning, Ultra-Realistic Detail
With 3840 x 2160 UHD resolution, QMN series displays showcase content with four times more detail and clarity than FHD.

Intelligent Picture Quality Technology
Intelligent Picture Quality technology boosts content from any source to UHD-level quality, and optimizes on-screen text and imagery with crisp edges and fine detail.

Bright, Brilliant, Glare-Free Picture Quality
QMN series displays ensure readability in any environment through a rigid, 500-nit, non-glare front panel. The enhanced design reduces reflection and ensures messages have maximum impact.

All-in-One Signage Solution
The embedded MagicInfo Player S6, backed by the powerful Tizen operating system, allows for easy content management and ensures seamless content transition and playback. All without the need for an external signage player or PC.

MagicINFO
Our leading-edge digital signage platform makes content management easier, more flexible and more robust.*

Reliable 24/7 Operation
Commercial-level cooling technologies offer 24/7 performance with dependability.

Cisco WebEx Room Kit Compatible
The QMN series is fully compatible with Cisco WebEx® Room Kit products. Together, they provide the ultimate conferencing solution.

Built-in Wi-Fi and Bluetooth
In addition to HDMI 2.0, DVI and DisplayPort 1.2 connectivity, the QMN series also features built-in Wi-Fi and Bluetooth.

3-Year Commercial Warranty
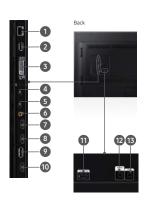A 3-year warranty means extended peace of mind.

Contact Us: samsung.com/display

*License sold separately.

Samsung QMN Series UHD Commercial Displays

			QM85N	QM98N
Panel	Diagonal Size	Class	85"	98"
		Measured	84.5"	97.5"
	Type		Slim Direct-Lit LED 60 HZ	Edge-Lit LED 60 Hz
	Resolution		UHD 3840 x160	UHD 3840 x 2160
	Pixel Pitch (mm)		0.4875 x 0.4875	0.187 x 0.562
	Active Display Area (H / V) (mm)		1872.0 (H) x1053.0 (V)	2158.848 (H) x1214.352 (V)
	Brightness (Typ.)		500 nits	500 nits
	Contrast Ratio (Typ.)		3000:1	4000:1
	Viewing Angle (H / V)		178 / 178	178 / 178
	Response Time (G-to-G)		8ms	6ms
	Operation Hours		24/7	24/7
	Panel Orientation		Landscape / Portrait	Landscape / Portrait
Special Certifications	IP5X Rating		N/A	N/A
	Non-Glare Panel		Yes	Yes
	Cisco Compatible		Yes	Yes
Display	Dynamic Contrast Ratio		Mega	Mega
	H-Scanning Frequency / V-Scanning Frequency		30 ~ 81 kHz / 48 ~ 75 Hz	30 ~ 81 kHz / 48 ~ 75 Hz
	Maximum Pixel Frequency		594 MHz	594 MHz
Sound	Speaker Type		Built in Speaker (15W + 15W)	Built in Speaker (10W + 10W)
Connectivity	Input	RGB	DVI-D, DisplayPort 1.2 (1)	DVI-D, DisplayPort 1.2 (1)
		Video	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP2.2	HDCP2.2
		Audio	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2
	Output	RGB	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)
		Audio	Stereo Mini Jack	Stereo Mini Jack
	External Control		RS232C (In / Out) Thru Stereo Jack, RJ45	RS232C (In / Out) Thru Stereo Jack, RJ45
	External Sensor		IR	IR
	Wi-Fi / Bluetooth		Yes / Yes	Yes / Yes
	Tuner		N/A	N/A
Power	Type		Internal	Internal
	Power Supply		AC 100 - 240 V (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption	Max / Typical / Rating	495 / 362 / 450 W	528 / 372 / 480 W
		Sleep Mode	.05 W	.05 W
Mechanical Specs	Dimensions	Set (W x H x D)	1903.2 x1090.4 x 471.9mm / 74.93" x 42.93" x18.58"	2194.3 x 1249.9 x 71.6mm / 86.39" x 49.21" x 2.82" (w/o handle) 2194.3 x 1249.9 x 75.2mm / 86.39" x 49.21" x 2.96" (w/ handle)
		Package (W x H x D)	2049.8 x1264.9 x 472.4mm / 80.7" x 49.8" x18.6"	2500.1 x 1618 x 815.1mm / 98.43" x 63.70" x 32.09"
	Weight	Set	50.7kg / 111.77 lbs.	76.2kg / 167.98 lbs.
		Package	66.9kg / 147.49 lbs.	149.4kg / 329.37 lbs.
	VESA Mount (mm)		600 x 400	900 x 600
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)
	Bezel Width (mm)		13.2 (Top, Side) 19.3 (Bottom)	15.2 (Top, Side) 15.2 (Bottom)
Environmental Conditions	Operating Temperature		0˚C - 40˚C / 32˚F - 104˚F	0˚C - 40˚C / 32˚F - 104˚F
	Operating Humidity		10 - 80%	10 - 80%
Features	Special	H/W	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs. Clock Keeping), Built-In Speaker (10W 2ch), Video Wall Daisy Chain (HDCP 2.2:4 EA, HDCP1.4:7 EA), Wi-Fi / Bluetooth	
		S/W	Auto Source Switching and Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)	
	Internal Player (Embedded H/W)	Processor	Cortex A72 1.7GHz Quad-Core CPU	Cortex A72 1.7GHz 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
		Clock Speed	1.7GHz	1.7GHz
		Main Memory Interface	2.5GB LPDDR4 1.5GHz 64 bit	2.5GB LPDDR4 1.5GHz 64 bit
		Graphics	Graphic Resolution: 1920 x 1080 Output Resolution: 3840 x 2160 (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	
		IO Ports	USB 2.0	USB 2.0
		Operating System	Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	Optional	Mount	WMN8200SD	WMN9500SD
Certification	Safety		60950-1	60950-1
	EMC		Class A	Class A
Service	Standard Warranty		3 Years (Parts / Labor / Backlight)	3 Years (Parts / Labor / Backlight)

Connectivity

1. RJ45
2. USB 2.0
3. RS232C In
4. DVI / MagicInfo In
5. RS232C Out
6. DVI / HDMI / Audio In
7. HDMI In 1 (ARC)
8. HDMI In 2 (Daisy Chain In)
9. DP In (Daisy Chain In)
10. HDMI Out (Daisy Chain Out)
11. USB 2.0
12. Audio Out
13. IR In

Back

Front

ProCare

Samsung ProCare Indoor Display Solutions

• Fast Track with White Glove Next Business Day[1] Service
   - Includes tech-assisted exchange of display: Technician removes original unit, installs replacement and ships non-working unit to Samsung

• Fast Track Next Bustiness Day Exchange
   - Return shipping label provided, customer returns original unit in new unit's box

• Available on sizes 32"-85"

• 3-5 year terms available

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[1]For Next Business Day exchange and installation, calls must be received by 3 p.m. eastern time.