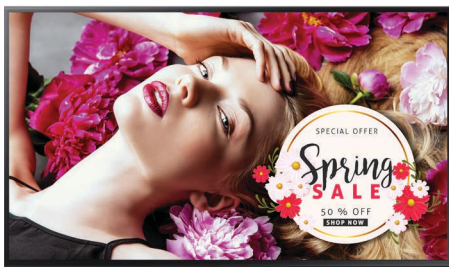




Be big. Be beautiful. Be intelligent.

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



4K UHD

UHD for Stunning, Ultra-Realistic Detail

With 3840 x 2160 UHD resolution, each QMN Series display showcases 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, boosts the display's performance, allows for easy content management and ensures seamless content transition and playback. All without the need for an external signage player or PC.



IP5x Certified and Reliable 24/7 Operation

Dust-resistant design and commercial-level cooling technologies offer continuous 24/7 performance with dependable reliability.



Configure Multiple Displays Seamlessly

Using the HDMI 2.0 option, businesses can easily configure UHD daisy chains up to 2x2 displays in size.



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.



Retrieve and Control Content Remotely

Pull content from remote laptops directly through the QMN Series display. Samsung Knox™ secures the Remote Workspace connection.

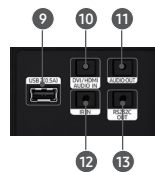
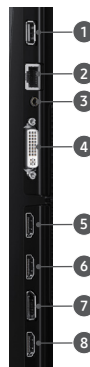
Samsung QMN Series UHD Commercial Displays



			QM43N	QM75N	
Panel	Diagonal Size	Class Measured	43" 42.5"	75" 74.5"	
	Type		New Edge LED-Backlit	New Edge LED-Backlit	
	Resolution		UHD (3840 x 2160)	UHD (3840 x 2160)	
	Pixel Pitch (mm)		0.2451 x 0.2451	0.42975 x 0.42975	
	Active Display Area (H / V) (mm)		941.184 (H) x 529.416 (V)	1650.24 (H) x 928.26 (V)	
	Brightness (Typ.)		500 nits	500 nits	
	Contrast Ratio (Typ.)		4000:1	6000:1	
	Viewing Angle (H / V)		178/178	178/178	
	Response Time (G-to-G)		8ms	8ms	
	Operation Hours		24/7	24/7	
Haze		44%	44%		
Display	Dynamic Contrast Ratio		Mega	Mega	
	H-Scanning Frequency		30 - 81 kHz	30 - 81 kHz	
	V-Scanning Frequency		48 - 75 Hz	48 - 75 Hz	
	Maximum Pixel Frequency		594 MHz	594 MHz	
	Tuner		No	No	
Sound	Speaker Type		Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	
	IP Rating		IP5X	IP5X	
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	HDCP 2.2	HDCP 2.2	
	Output	Audio	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	
		USB	USB 2.0 x 2	USB 2.0 x 2	
		RGB	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	
	External Control	Audio	Stereo Mini Jack	Stereo Mini Jack	
External Sensor		RS232C (In/Out) Thru Stereo Jack, RJ45	RS232C (In/Out) Thru Stereo Jack, RJ45		
Wi-Fi / BT		Yes / Yes	Yes / Yes		
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 [W] Sleep Mode	121 / 76 / 110 .05	220 / 159 / 200 .05	
Mechanical Specs.	Dimensions	Set (W x H x D)	38.2" x 22.2" x 2.3"	66.3" x 38.1" x 2.4"	
		Package (W x H x D)	43.2" x 26.7" x 5.9"	73.7" x 44.5" x 9.2"	
		Set	21.82 lbs.	83.8 lbs.	
	Weight	Package	30.2 lbs.	111.3 lbs.	
		VESA Mount (mm)		200 x 200	400 x 400
		Stand Type		Foot Stand (Optional)	No
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	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 (168 Hrs. Clock Keeping), Built in Speaker (10W 2ch),	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs. Clock Keeping), Built in Speaker (10W 2ch),	
		S/W	WideWall Daisy Chain (HDCP2.2-4 EA, HDCP1.4-7 EA), IP5X, Wi-Fi/BT	WideWall Daisy Chain (HDCP2.2-4 EA, HDCP1.4-7 EA), IP5X, Wi-Fi/BT	
	Internal Player (Embedded H/W)	Processor		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)
		On-Chip Cache		L1 Instruction Cache: 48KB	L1 Instruction Cache: 48KB
		Memory		L1 Data Cache: 32KB	L1 Data Cache: 32KB
		Interface		L2 Cache: 2MB	L2 Cache: 2MB
		Graphics		Coretex A72 1.7GHz Quad-Core CPU	Coretex A72 1.7GHz Quad-Core CPU
		Storage (FDM)		L1 Instruction Cache: 48KB	L1 Instruction Cache: 48KB
		Multimedia		L1 Data Cache: 32KB	L1 Data Cache: 32KB
		IO Ports		L2 Cache: 2MB	L2 Cache: 2MB
	Operating System		1.7GHz	1.7GHz	
	Accessories	Included		2.5GB	2.5GB
Optional			LPDDR4 1.5GHz 64 bit	LPDDR4 1.5GHz 64 bit	
Certification	Safety		Graphic Resolution: 1920x1080	Graphic Resolution: 1920x1080	
	EMC		Output resolution: 3840x2160 (Scale Up From Graphic Processing Result.)	Output resolution: 3840x2160 (Scale Up From Graphic Processing Result.)	
	Environment		8GB (3.88GB Occupied by O/S, 4.12GB Available)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	
Service	Standard Warranty		Video Decoder: MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	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	Audio Decoder: AC3 (DD), MPEG	

Connectivity

1. USB 1 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In 1 (ARC)
6. HDMI In 2 (Daisy Chain In)
7. DisplayIn (Daisy Chain In)
8. HDMI Out (Daisy Chain Out)
9. USB 2 (0.5A)
10. DVI / HDMI / Audio In
11. Audio Out
12. IR In
13. RS232C Out



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