



## Four times more resolution. Four times more impressive.

### QMF Series UHD Commercial LCD Displays

Don't just seek attention with your messages. Demand it. Samsung QMF Series commercial-quality UHD displays deliver messages that are impossible to ignore. Offering four times the resolution of Full HD, these large panels offer incredibly detailed images and text. They're a stunning, seamless alternative to multi-screen videowalls. And with multi-source capability and commercial-level cooling technologies, they'll deliver your message 24/7. It's premium impact around the clock. It's the Samsung QMF Series.



### Key Features



#### UHD Resolution for Four Times the Detail

3840 x 2160 UHD resolution delivers four times the detail of 1920 x 1080 FHD resolution. That means incredible image detail and text legibility. Four times the resolution also allows businesses to replace existing videowalls with a single large screen, delivering the same level of image clarity with no distracting bezels.



#### Multi-Screen Support for Messaging Flexibility

With the QMF Series, businesses can display up to four different input sources on the same screen, without having to first merge content on a separate PC. PIP and split-screen options allow messaging flexibility beyond four simple rectangles.



#### 24/7 Continuous Operation

Commercial-level cooling technologies offer dependable reliability. Samsung QMF displays are designed to deliver peace of mind.



#### Non-Glare Panel

The non-glare panel minimizes reflection, making messages easier to see. Text is legible, visuals have maximum impact.



#### 500-nit Brightness

UHD resolution combines with bright 500-nit screens for messages that demand attention, even in brightly lit environments.



#### Ideal for Multiple Industries

The resolution and data display options of the Samsung QMF Series are ideal for luxury retailers, conference rooms, security monitoring centers and anywhere exceptional image quality with messaging flexibility is desired.

# Samsung QMF Series UHD Commercial LCD Displays

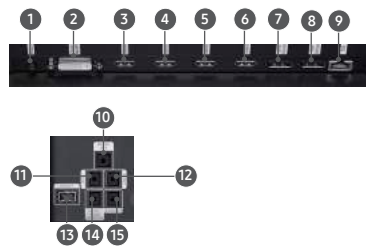


			QM75F	QM85F	QM98F
Panel	Diagonal Size	Class	75"	85"	98"
		Measured	74.5"/189.3cm	84.5" / 214cm	97.5"/247.7cm
	Type		60Hz E-LED BLU	120Hz Slim Direct LED BLU	60Hz E-LED BLU
	Resolution		3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)
	Pixel Pitch (mm)		0.143 x 0.429	0.1625 x 0.4875	0.187 x 0.562
	Active Display Area (H / V)		1650.2 x 928.3	1872.0 x 1053.0	2158.9 x 1214.4
	Brightness (Typ.)		500 nits	500 nits	500 nits
	Contrast Ratio (Typ.)		4000:1	5000:1	4000:1
	Viewing Angle (H / V)		178/178	178/178	178/178
	Response Time (G-to-G)		8ms	6ms	8ms
	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)
	Color Gamut		72%	72%	72%
	Operation Hours		24/7	24/7	24/7
Haze		25%	44%	25%	
Display	Dynamic Contrast Ratio		Mega	Mega	Mega
	H-Scanning Frequency		30 ~ 81 kHz	30 ~ 81 kHz	30 ~ 81 kHz
	V-Scanning Frequency		48 ~ 75 Hz	48 ~ 75 Hz	48 ~ 75 Hz
	Maximum Pixel Frequency		594 MHz	594 MHz	594 MHz
Sound	Speaker Type		Built in Speaker (10W + 10W)	Built in Speaker (15W + 15W)	Built in Speaker (10W + 10W)
Connectivity	Input	RGB	DVI-I (D-Sub Common), DisplayPort 1.2 (2) → Support UHD 60Hz	D-Sub, DVI-D, DisplayPort 1.2 (2), Display Port 1.1 (1)	DVI-I (D-Sub Common), DisplayPort 1.2 (2) → Support UHD 60Hz
		Video	HDMI 1.4 (4)	HDMI 1.4 (3)	HDMI 1.4 (4)
		HDCP	HDCP1.4 (→ support UHD 30 Hz)	HDCP1.4 (→ support UHD 30 Hz)	HDCP1.4 (→ support UHD 30 Hz)
	Output	Audio	Stereo Mini-Jack, RGB, DVI, HDMI	Stereo Mini-Jack, RGB, DVI, HDMI	Stereo Mini-Jack, RGB, DVI, HDMI
		USB	USB (S/W update only)	USB (S/W update only)	USB (S/W update only)
		Audio	Stereo Mini-Jack	Stereo Mini-Jack	Stereo Mini-Jack
External Control		RS232C (In / Out), RJ45	RS232C (In / Out), RJ45	RS232C (In / Out), RJ45	
External Sensor		IR	IR	IR	
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption	On mode [W]	W/W 280, EU 277 (Typical), 380 (Rating), 418 (Max)	368 (Typical), 450 (Rating), 495 (Max)	476 (Typical), 550 (Rating), 605 (Max)
		Sleep Mode	< 0.5W	< 0.5W	< 0.5W
Off Mode		< 0.5W	< 0.5W	< 0.5W	
Mechanical Specs.	Dimensions (Inches)	Set (W x H x D)	66.1" x 37.8" x 2.4" (w/o handle), x 2.8" (w/ handle)	74.9" x 42.9" x 2.7" (w/o handle), x 4.1" (w/ handle)	86.3" x 49.2" x 2.82" (w/o handle), x 2.96" (w/ handle)
		Package (W x H x D)	71.5" x 43.1" x 11"	80.72" x 49.8" x 18.58"	98.43" x 63.60" x 32.08"
	Weight	Set	91.7 lbs	110.5 lbs	168.2 lbs
		Package	121.5 lbs	147.5 lbs	312.6 lbs
	VESA Mount		600 x 400 (mm)	600 x 400 (mm)	900 x 600
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)
Bezel Width (Top / Side / Bot)		14.5 / 14.5 / 14.5	13.2 / 13.2 / 19.3	15.2 / 15.2 / 15.2	
Environmental Conditions	Operating Temperature		0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
	Operating Humidity		10 ~ 80%	10 ~ 80%	10 ~ 80%
Features	Special	H/W	Temperature Sensor, Pivot Display, Clock Battery (168 hrs. Clock Keeping), Built-in Speaker (10W x 2 ch)	Temperature Sensor, Pivot Display, Clock Battery (80 hrs. Clock Keeping), Built-in Speaker (15W x 2 ch), Video Wall (15 x 15 OSD)	Temperature Sensor, Pivot Display, Clock Battery (168 hrs. Clock Keeping), Built-in Speaker (10W x 2ch)
		S/W	FHD 4 PBP Support (2/3/4 PBP), Auto Source Switching and Recovery, LFD Home UI, Button Lock, DHCP with RJ45 MDC, Hot Key Option, Plug & Play (Initial Setting)	FHD 4 PBP Support (2/3/4 PBP), Auto Source Switching and Recovery, LFD Home UI, Button Lock, DDC Ci, DHCP with RJ45 MDC, Urgent Message by MDC, Hot Key Option, Plug & Play (Initial Setting)	FHD 4 PBP Support (2/3/4 PBP), Auto Source Switching and Recovery, LFD Home UI, Button Lock, DHCP with RJ45 MDC, Hot Key Option, Plug & Play (Initial Setting)
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, DP Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	Optional	Mount Media Player	WMN8200SD	WMN8200SD	WMN9500SD
Certification	Safety		SBB	SBB-DA/DI	SBB
	EMC		60950-1	60950-1	60950-1
Service	Standard Warranty		Class A	Class A	Class A
			3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)	3 Years Onsite (Parts / Labor / Backlight)

## Connectivity

### QM75F / QM98F

1. RS232C In
2. DVI / PC MagicInfo In
3. HDMI In 4
4. HDMI In 3
5. HDMI In 2
6. HDMI In 1
7. DP In 2 (UHD 60Hz)
8. DP In 1 (UHD 60Hz)
9. RJ45
10. RS232C Out
11. IR In
12. IR Out
13. Service
14. DVI / PC / HDMI / Audio In
15. Audio Out

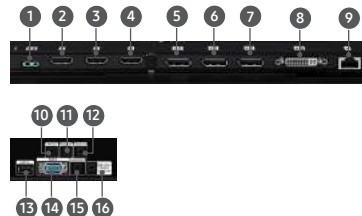


### QM75F / QM98F Back



### QM85F

1. IR / Ambient Sensor In
2. HDMI In 3
3. HDMI In 2
4. HDMI In 1
5. DP In 3 (UHD 30Hz)
6. DP In 2 (UHD 60Hz)
7. DP In 1 (UHD 60Hz)
8. DVI In / MagicInfo In
9. RJ45
10. IR Out
11. RS232C Out
12. RS232C In
13. USB
14. RGB In
15. Audio Out
16. RGB / DVI / HDMI / Audio In



### QM85F Back



## Learn More

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## Product Support

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