

# CHAPTER 7: SPECIFICATIONS

## 7.1 Display Specifications

		QM-4302	QM-5502	QM-6502
Panel	Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)
	Panel Size	42.5"	54.6"	64.5"
	Max. Resolution	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160
	Pixel Pitch	0.245 mm	0.315 mm	0.372 mm
	Brightness	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
	Contrast Ratio	4500:1 (DCR)	5000:1 (DCR)	4000:1 (DCR)
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Display Colour	1.07B	1.07B	1.07B
	Response Time	5 ms	5 ms	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze 1%), 3H Hard Coating	Anti-Glare Treatment (Haze 3%), 2H Hard Coating	Anti-Glare Treatment (Haze 1%), 3H Hard Coating
Signal Input	VGA	15-Pin D-Sub	15-Pin D-Sub	15-Pin D-Sub
	HDMI	2.0 x 3	2.0 x 3	2.0 x 3
External Control	IR Out	3.5 mm Phone Jack	3.5 mm Phone Jack	3.5 mm Phone Jack
	RS232 In	9-Pin D-Sub	9-Pin D-Sub	9-Pin D-Sub
	LAN	RJ45 x 1	RJ45 x 1	RJ45 x 1
Other connectivity	USB	2.0 x 1 (Service Port / Media Playback)	2.0 x 1 (Service Port / Media Playback)	2.0 x 1 (Service Port / Media Playback)
Audio	Audio In	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
	Audio Out	Stereo Audio Jack (RCA)	Stereo Audio Jack (RCA)	Stereo Audio Jack (RCA)
	Internal speaker	10W x 2	10W x 2	10W x 2
Power	Power Supply	Internal	Internal	Internal
	Power Requirements	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
	On Mode	102W (On)	135W (On)	167W (On)
	Standby Mode	< 0.5W	< 0.5W	< 0.5W
	Off Mode	< 0.3W	< 0.3W	< 0.3W
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
	Humidity	20%-80% (non-condensing)	20%-80% (non-condensing)	20%-80% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
	Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)	10%-90% (non-condensing)
Mounting	VESA FPM PMI	Yes (200 x 200 mm)	Yes (400 x 400 mm)	Yes (400 x 400 mm)
Dimensions	w/o base (W x H x D)	973.0 x 561.2 x 63.5 mm (38.3" x 22.1" x 2.5")	1241.8 x 712.6 x 63.6 mm (48.9" x 28.1" x 2.5")	1462.3 x 837.3 x 81.0 mm (57.6" x 33.0" x 3.2")
	Packaging (W x H x D)	1070.0 x 673.0 x 141.0 mm (42.1" x 26.5" x 5.5")	1350.0 x 860.0 x 160.0 mm (53.1" x 33.8" x 6.3")	1580.0 x 1050.0 x 151.0 mm (62.2" x 41.3" x 5.9")
Weight	w/o base	10.8 kg (23.8 lb)	17.2 kg (37.9 lb)	28.5 kg (62.8 lb)
	Packaging	13.6 kg (30.0 lb)	21.4 kg (47.2 lb)	33.8 kg (74.5 lb)