40” Rack Mount 4K UHD

W40L100-MLM1FG-4K

Product Features

- 40" Display with UHD 4K (3840 x 2160) native resolution
- Dimmable 0-100% with backlight light sensing
- Thin and Compact Design with impact resistant screen
- Panel Mount design with front side removable handle
- AR protection Glass or EMI ITO Glass (Optional)
- Fanless and Ventless design, Easy to clean

Product Specifications

TFT Technology	LED Backlight Technology, TFT Active-matrix, Widescreen, IPS Technology
Viewable Size	40” diagonal
Active Area	878.1 (H) x 485.3 (V) mm
Native Resolution	3840 x 2160 (UHD 4K)
Pixel Pitch	0.0762 (H) x 0.2247 (V) mm
Aspect Ratio	16:9
Response Time	8.5ms (Gray to Gray)
Light Intensity	350 cd/m2 (typ),
Contrast Ratio	5000:1 (typ)
View Angle	89/89/89/89
Max Colors	1.07M
Synchronization Signal Auto-detect	Digital Separate Sync., Composite Sync., Sync. On Green
Synchronization Range	31.5 kHz to 60.0 kHz (H) - 30 Hz to 75 Hz (V)
Optimal Resolution and Hz	3840 x 2160 @ 60 Hz
Detectable Resolutions (Partial List)	640 x 480, 720 x 400, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200, 1920 x 1080, 1920 x 1200, 2560 x 1440, 3840 x 2160, 4096 x 2160
Power Specifications	AC 110~240V (Default) DC 24V (Optional) MIL-DTL-38999/1 Connector Power Consumption 70W typical, normal operation
User Controls and Activity	Power, Brightness Down/Up, Auto Adjustment, Main Menu, Day/Night Mode, Key Pad Control

Input Signal	• DVI • HDMI 1.4 (Optional) • HDMI 2.0 (Optional) • Display Port 1.2 • VGA • Audio Line In • RS232 for Optional Remote Control
Product Dimensions	978.2 x 580.4 x 88.55 mm
Cutout Dimension	924.3 x 564 mm
Mounting	VESA mounting 100 x 200 mm VESA mounting 200 x 200 mm VESA mounting 400 x 100 mm
Product Weight	11 Kg
Glass	AR Protection Glass or EMI ITO Glass (Optional)
Operating Temperature	0 deg.C to 50 deg.C, Humidity up to 95%
Storage Temperature	-10 deg.C to 60 deg.C, Humidity up to 95%
Certificates	CE, FCC
Compliance	MIL-STD-810F/G MIL-STD-461F/G (RE101/RE102), (CE101/CE102)

Backplane Systems Technology

Backplane Systems Technology Pty Ltd
TEL 02 9457 6400
sales@backplane.com.au
www.backplane.com.au
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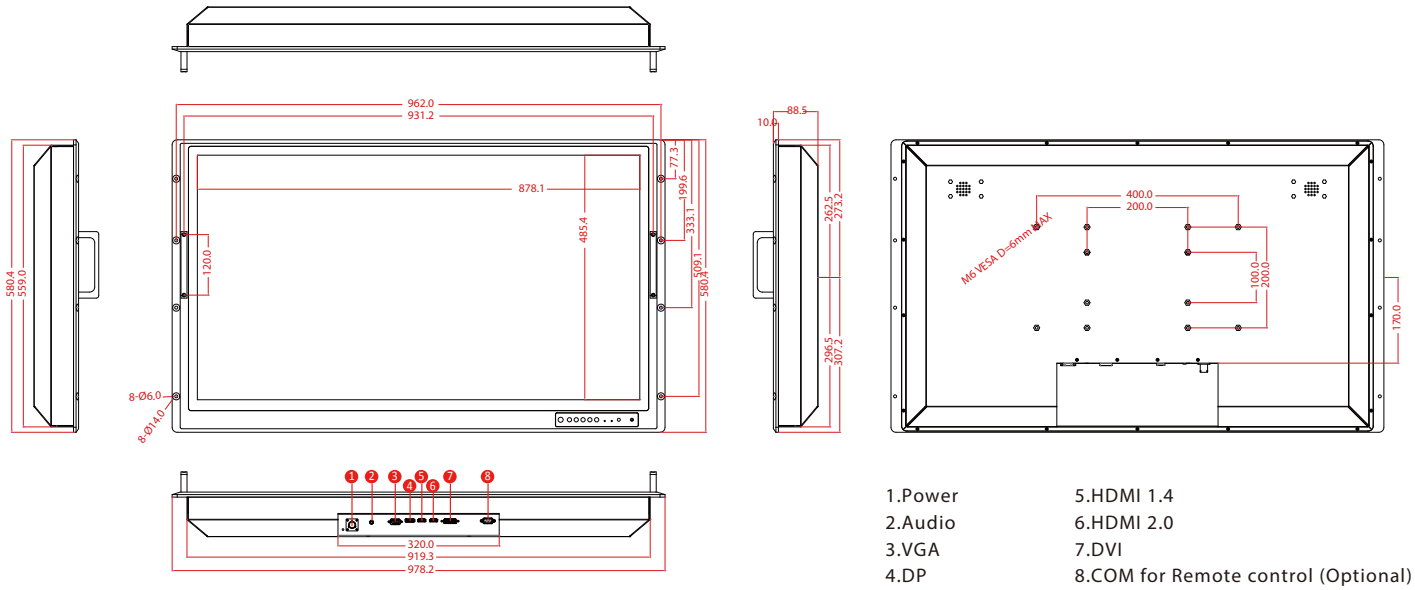
Military Grade EMC Compliance

EMC (MIL-STD 461E/F Compliance)			
EMC Test Spec	Type of Test	Frequency Range	Requirement
CE101	Conducted Emissions	30Hz ~10kHz	30Hz ~ 1kHz :110 dB 1k-10k:110-90 dB
CE102	Conducted Emissions	30Hz ~10kHz	10kHz ~ 500KHz: 100-66dB, 500KHz~10MHz:66dB
RE101	Radiated Emissions	30Hz ~100kHz	(30~100k :180-110 dBpT)
RE102	Radiated Emissions	10kHz ~-18GHz	(2MHz~18G Hz: 44-89 dB)

Military Grade Environmental Compliance

Environmentals (MIL-STD 810F/G Compliance)		
Low Pressure	Operating	15,000 ft, Method 500.5 / Procedure II
	Storage	15,000 ft, Method 500.5 / Procedure I
Salt Fog	Method 509.5	
Vibration	5 ~ 500 Hz, 1.48 & 1.90 & 2.24 Grms Method 514.6 / Procedure I	
Transit Drop	Method 516.6 / Procedure IV	
Shock	Method 516.6 / Procedure I	

Mechanical Drawing



1.Power
2.Audio
3.VGA
4.DP
5.HDMI 1.4
6.HDMI 2.0
7.DVI
8.COM for Remote control (Optional)

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