

MILITARY GRADE RUGGED CHASSIS MOUNT LCD MONITOR



Military Grade Chassis, 55" LCD Monitor, 1920x1080, LED-350nits, VGA, DP, HDMI AC-IN w/ Built-in PWR

MODEL: EMCMW5500

FEATURES:

- Mechanical design modularization offers product flexibility and simplified maintenance.
- Incorporate optional touch screen for interactive applications.
- Equipped with auto-brightness sensor for day and night adaptability.
- VGA connector provided, with optional AV, SV, and AV-Looping features.
- MIL-STD-167-1, Type 1 Vibration
- MIL-STD-810 Environmental without rain, salt flog, and dust proof.
- MIL-STD-901D Grade A, Class I, Type B Shock
- MIL-STD-461E EMI/EMC
- Storage Temp: -20°C to +60°C Humidity 5 to 95% @ RH Non-condensing

Option MIL

- Environmental: MIL-STD-810, DO-160
- EMI/EMC: MIL-STD-461/462
- Panel construction & lighting: MIL-P-7788
- Power: MIL-STD-704, MIL-STD-1275
- Shock – MIL S 901D
- Vibration – MIL STD 167



SPECIFICATIONS:

Cell Type	TFT LCD
Glass Surface	Black Anti-Glare, low reflection coating
Aspect Ratio	Wide
Size	55" viewable diagonal area
Active Area	1209.6(H) x 680.4(V) mm
Pixel Pitch	0.63(H) x 0.63(V) mm
Native Resolution	1920(H) x 1080(V)
Colors	16.7 M
Brightness	350
Contrast	3000 : 1
Response Time	≤ 8 ms (G-to-G)
Viewing Angle (typical)	H. 178°(- 89°~ + 89°) , V. 178°(- 89°~ + 89°)
Light Source	LED backlight, Long life, 35,000 hrs (typ)

INPUT SOURCES		
PC System	Signal	Analog RGB (0.7/1.0 V, 75 ohms)
	Sync	Separate Sync, Composite Sync, Sync On Green
	Frequency	F: 30 - 82Khz , F: 50 -75Hz
Audio System	2W speaker x 2	

CERTIFICATION

FCC , CE

INPUT TERMINALS

1 x VGA, 1 x HDMI, 1 x DP

CONVENIENT FEATURES

Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B) , OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)

POWER

Internal power supply with universal / Auto-Sensing, AC90 to 260V, 50/60 Hz

POWER CONSUMPTION

Operation / Power Saving | 160 watt , < 1 watt (Support DPMS)

OPERATING CONDITION

Temperature / Humidity | 0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)

STORAGE CONDITION

Temperature / Humidity | -20°C ~ 60°C (-4°F ~ 140°F) , 10% ~ 90% (no condensation)

DIMENSIONS

Physical

Carton | W x H x D = TBD

WEIGHT

N.W. / G.W. | 43.5 Kgs/46.5 Kgs

CONTAINER LOADED

20ft / 40ft / 40ft HQ | TBD (Sets , By pallet)

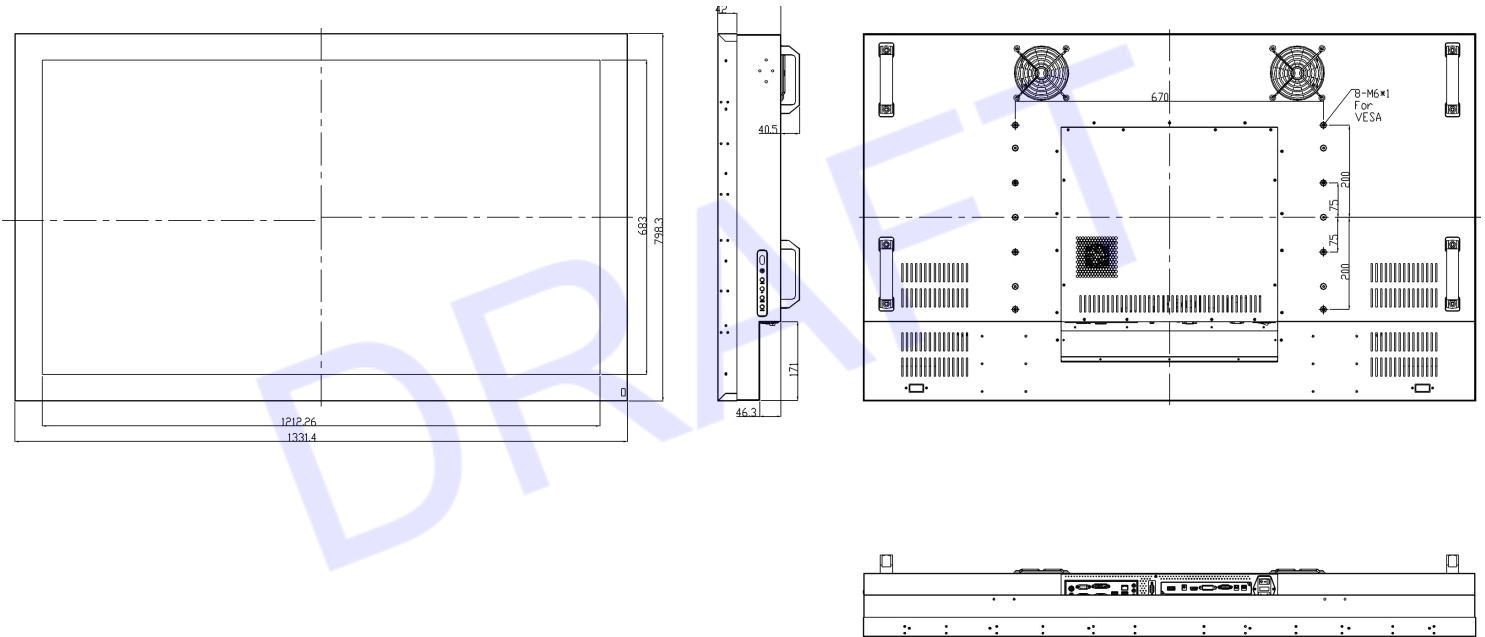
TOUCH	VIDEO INPUT	ENHANCED PANEL	POWER	OTHERS
Resistive Touch	AV-IN	High Brightness Panel	24V DC-IN	Motion Sensor
Projected Capacitive Touch	AV Looping	Sunlight Readable	9~36V DC-IN	Light Sensor
Infrared Touch	HDMI / DP	Wide Viewing Angle	48V 72V DC-IN	VR-knob Dimming
Protected Glass	HD-SDI	Wide Temperature	90V 125V DC-IN	RS232 Remote On/Off
Optical Bonding		UV Film	110V 220V DC-IN	Military Connector: MIL 38999
		Anti-Vandal		Metal Connector: M12 / M16
				Stainless 316 Enclosure

**Specifications subject to change without notice, not responsible for typographical errors.*



MECHANICAL DRAWING:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: EMCMW5500-03152024-V1