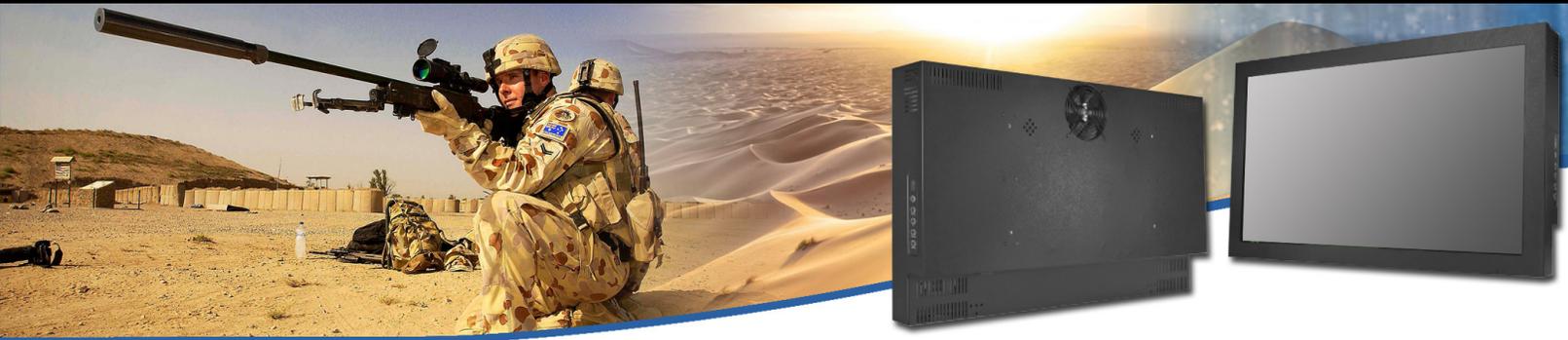


# MILITARY GRADE RUGGED IP65 CHASSIS MOUNT LCD MONITOR



**Military Grade, IP65 Front Chassis, 32" LCD monitor, 1920x1080, LED-350nits  
VGA, HDMI, DP, AC-IN w/ Built-in PWR**

## MODEL: EMCMW3200

### FEATURES:

- Modular mechanical design for flexible product configuration and easy maintenance.
- Optional built-in touch screen for interactive applications.
- Equipped with an auto-brightness sensor for day and night adaptation.
- Compliance with standards:
  - MIL-STD-167-1 Type 1 Vibration.
  - MIL-STD-810 Environmental (excluding rain, salt fog, and dust proof).
  - MIL-STD-901D Grade A, Class I, Type B Shock (front cover built-in acrylic).
  - MIL-STD-461E EMI/EMC.
- Operating conditions:
  - Temperature range: -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	32" viewable diagonal area
Active Area	698.4(H) x 392.9(V) mm
Pixel Pitch	0.3638(H) x 0.3638(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°(- 0°~ + 0°) , V. 178°(- 0°~ + 0°)
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 | 73.75 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. | 14.5 Kgs/16 Kgs

### CONTAINER LOADED

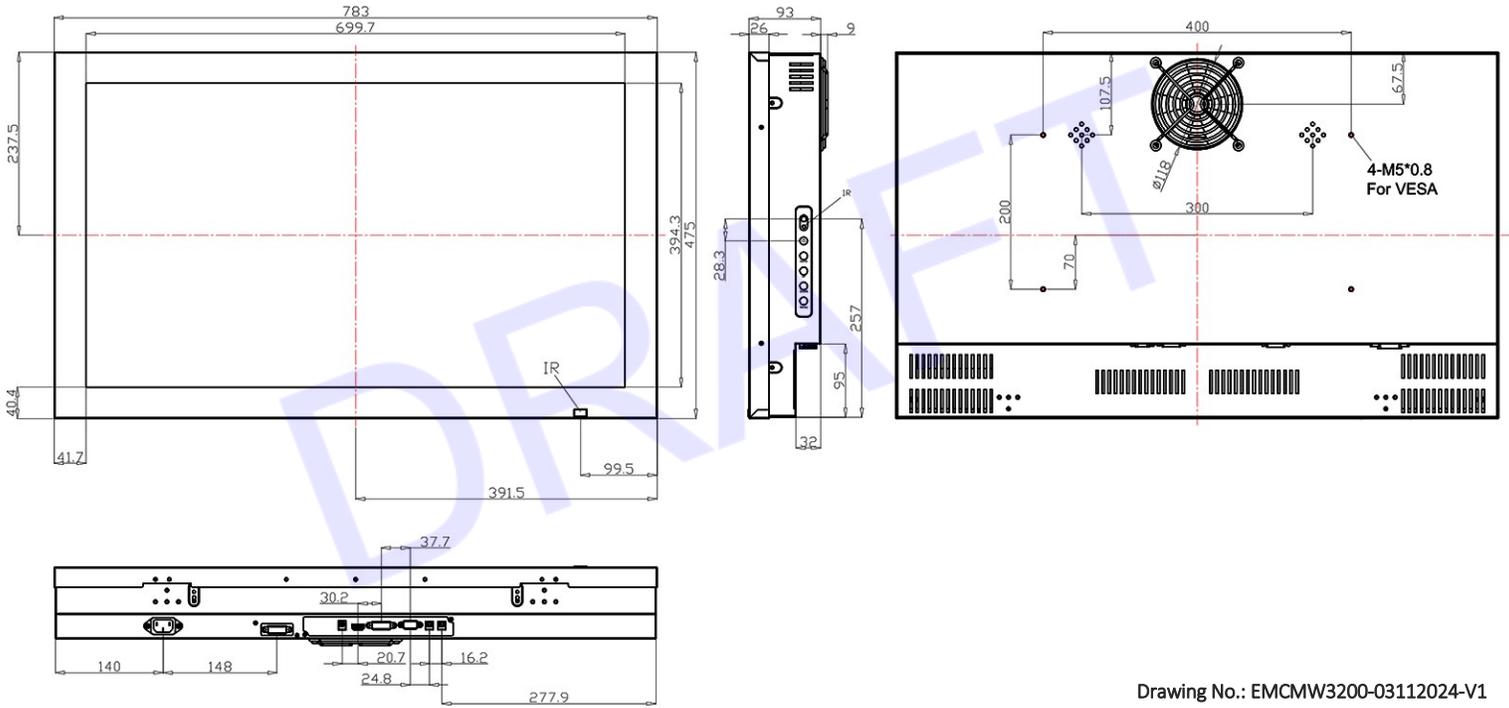
20ft / 40ft / 40ft HQ | TBD (Sets , By pallet)

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.: EMCMW3200-03112024-V1