

MILITARY GRADE IP65 FRONT CHASSIS MOUNT LCD

W10.1" LCD Monitor, 1920x1200, LED-1000nits
VGA, HDMI, WV (178°/178° MVA), WT(-20~60C), Built-in 5-wire
Resistive touch

Power: 9~36V DC isolated

Resistant salt Fog (Powder coating)

Compliance: MIL-STD-810G (Shock 30G for 18ms, 300m/s²; Vibration 1.6G for XYZ/5-500Hz) and MIL-STD-461F

Compliance: Altitude 20K feet; Thermal Shock -20~60C



Model: EMCH1010-TR

FEATURES:

- Front side sealed for water and dust resistance with an IP65 rating
- Modularized mechanical design allows for flexible product configuration and easy maintenance
- Incorporated 5-wire resistive touch screen for interactive applications
- Equipped with an auto-brightness sensor for day and night applications
- Resistant to salt fog
- Compliance: MIL-STD-810G(Shock 30G for 18ms, 300m/s²; Vibration 1.6G for XYZ/5-500Hz) and MIL-STD-461F
- Compliance: Altitude 20K feet; Thermal Shock -20~60C

SPECIFICATIONS:

Cell Type	TFT LCD
Glass Surface	Black Anti-Glare, low reflection coating
Aspect Ratio	Wide
Size	10.1" viewable diagonal area
Active Area	216.81(H) x 135.5(V) mm
Pixel Pitch	0.113(H) x 0.113(V) mm
Native Resolution	1920(H) x 1200(V)
Colors	16.7 M
Brightness	1000
Contrast	600 : 1
Response Time	≤ 25 ms
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	

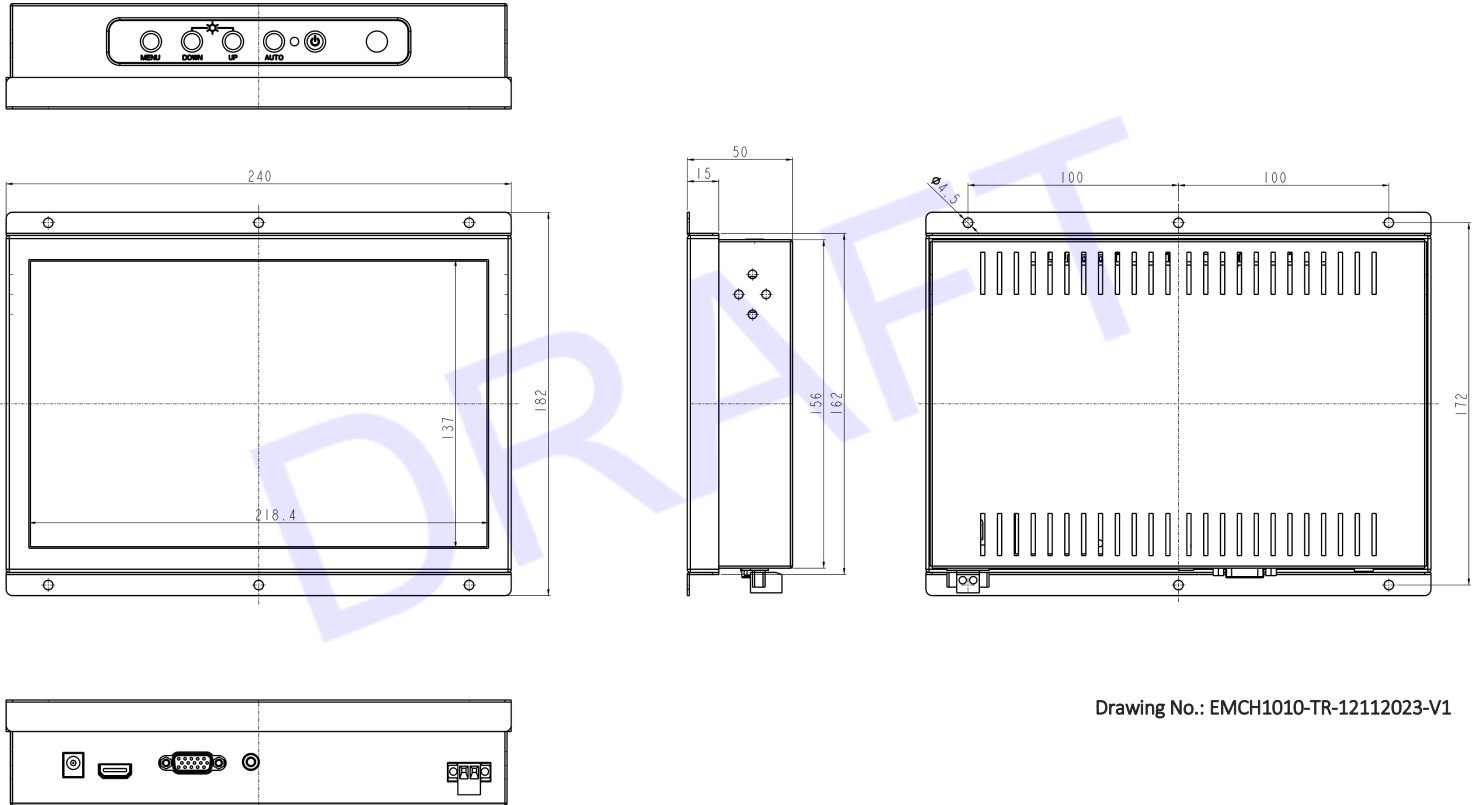
**Specifications subject to change without notice, not responsible for typographical errors.*

CERTIFICATION	
FCC , CE	
INPUT TERMINALS	
1 x VGA (15 Pin Female D-Sub) , 1 x HDMI, 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug	
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	
9~36V DC terminal block	
POWER CONSUMPTION	
Operation / Power Saving	8.75 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.	3.5 Kgs/4.5 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

MECHANICAL DRAWING:

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



Drawing No.: EMCH1010-TR-12112023-V1