

MILITARY APPLICATION IP66 CHASSIS

IP66 Stainless-304 Chassis Wide 18.5" LCD, 1920x1080, LED-350nits, WV(178°/178°),WT(-20~70C), w/o-Speaker, w/Ext. Adapter, IP66 Cables I/O: VGA+ DVI, SDI, Compliance: MIL-STD-810G (Vibration and Shock) and MIL-STD-461E



MODEL: EMCHW1850-SIP

FEATURES

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Available with auto-brightness sensor offers application in day and night
- Stainless Steel Enclosure
- Complete custom design/solution for OEM customers
- Auto Power On: Monitor is always "ON" when connect to power.
- Auto Video Signal On: Monitor (Backlight) will turn off when no video signal, but it will Auto turn back on.

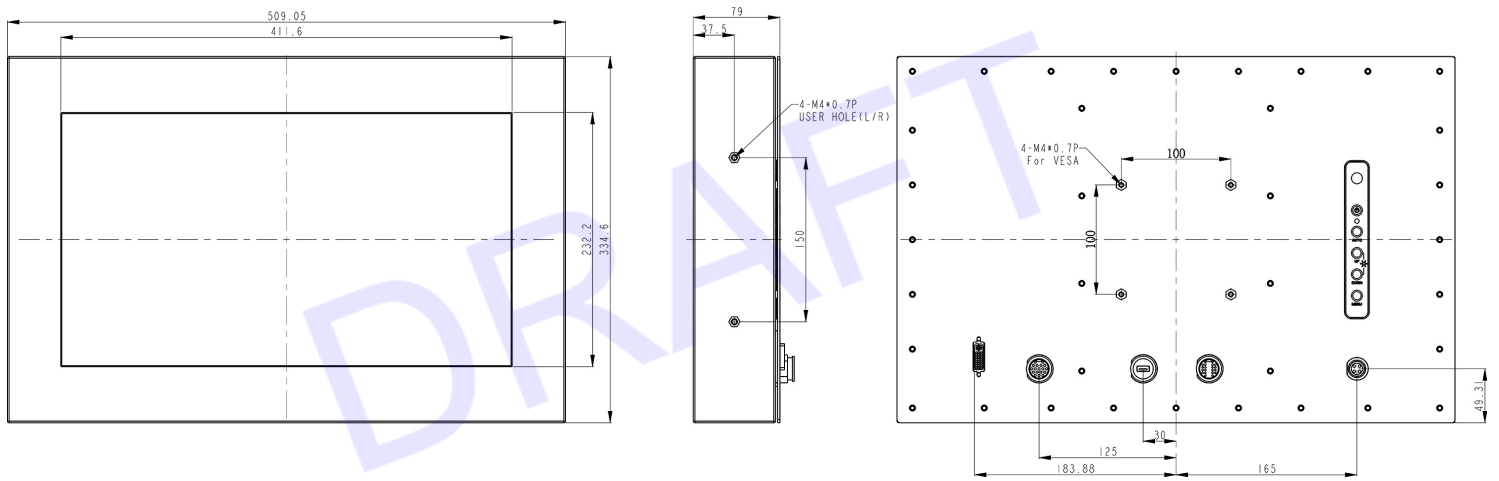
SPECIFICATIONS

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	Wide / 18.5" viewable diagonal area	
	Active Area / Pixel Pitch	411.6(H) x 232.2(V) mm / 231(H) x 213(V) per one triad	
	Native Resolution / Colors	1920(H) x 1080(V) / 16.7M	
	Brightness / Contrast	350 cd/m ² (typ) / 1000 : 1	
	Response Time	< 20 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 _{p-p} , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F _H : 30 - 82Khz , F _V : 50 - 75Hz
	Audio System	N / A	
Input Terminals	1 x VGA, 1 x DVI, 1 x SDI , 1x 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		
Power Consumption	Operation / Power Saving	17.5 watt , < 1 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	- 20°C ~ 70°C (- 4°F ~ 158°F) , 10% ~ 90% (no condensation)	
Storage Condition	Temperature / Humidity	- 30°C ~ 80°C (- 22 °F ~ 176°F) , 10% ~ 90% (no condensation)	
Certification	FCC , CE		
Dimensions	Physical	Please refer to Drawing	
	Carton	W x H x D = TBD	
Weight	N.W. / G.W.	6 Kgs / 7 Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

Options	Touch	Video / TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV_Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

MECHANICAL DRAWING

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



Drawing No.: EMCHW1850-SIP-05262023-V1