

MILITARY CHASSIS LCD

Military Chassis IP65 Front LCD Monitor, 23.8"-1920x1080, LED-400 nits, WV(178°/178°),WT(-20~70C), Build-In PCAP touch, I/O regular connector: VGA, USB(touch), Compliant to EMI/EMC MIL-STD-461F / MIL-STD-810G, Power: 9~36V DC Isolated



MODEL: EMCHW2380-PCAP

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
- VGA connector with optional AV.SV.AV-Looping
- Complete custom design/solution for OEM customers
- Optional: MIL connector/ M12 connector/ Plastic IP66 water resistance connector
- 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 /23.8" viewable diagonal area	
	Active Area / Pixel Pitch	527.04(H) x 296.46(V) mm / 0.2745(H) x 0.2745(V) mm	
	Native Resolution / Colors	1920(H) x1080(V)/16.7M	
	Brightness / Contrast	400 cd/m ² (typ) / 3000 : 1	
	Response Time	< 16 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	2W speaker x 2	
Input Terminals	1 xVGA, 1 x PC Audio (Stereo Headphone Jack), 1 x DC Power Plug		
Convenient Features	Auto Calibration , Back Light Adjustment, Plug&Play (VESADDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)		
Power	9~36V DC Isolated		
Power Consumption	Operation / Power Saving	13.4 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	WxHxD=TBD	
Weight	N.W./G.W.	TBD	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

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

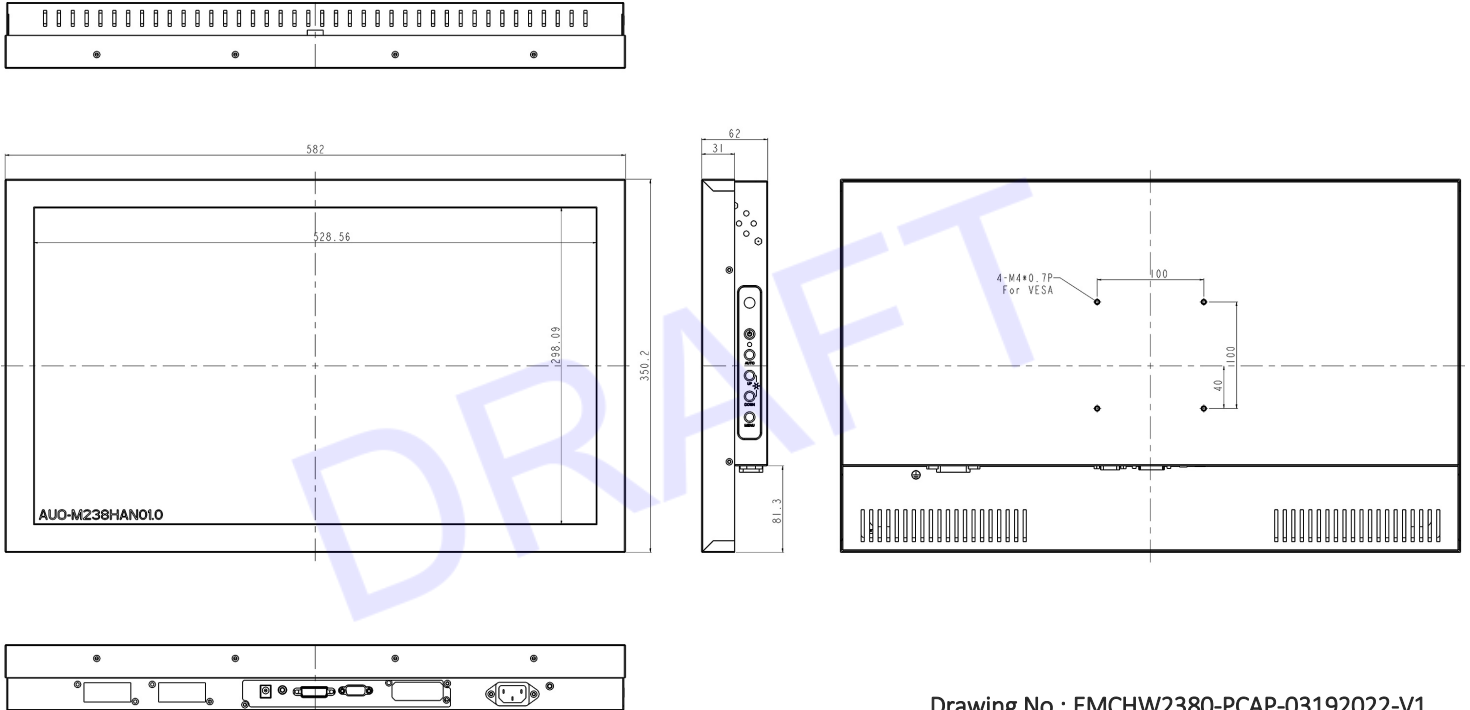
OPTIONAL MIL:

- 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-MILS 901D
- Vibration-MIL STD 167



MECHANICAL DRAWING:

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



Drawing No.: EMCHW2380-PCAP-03192022-V1