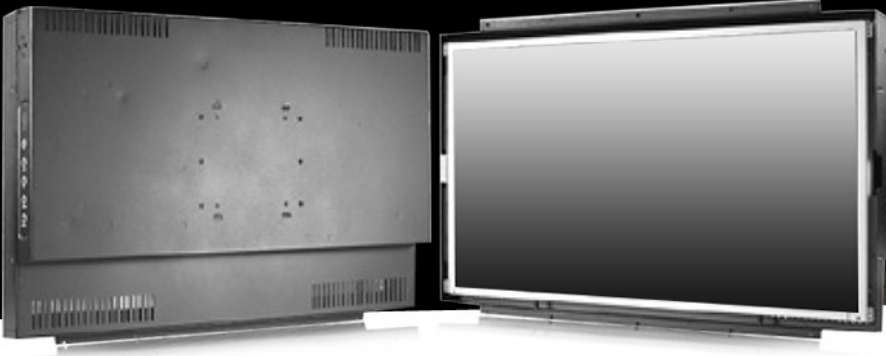


MILITARY APPLICATION OPEN FRAME

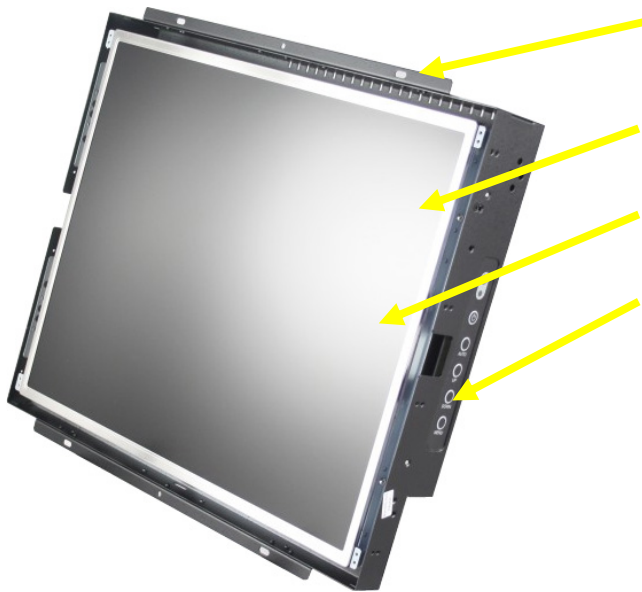


Military Application Open Frame 23.8" - 1920x1080
LED-400 nits, VGA, HDMI, WV(178°/178°), WT(-20~70°)
AC-IN w/Built-in PWR, Compliance MIL-STD-810G
(Anti-Shock and Anti-Vibration)

MODEL: EMOPW2380

EMOP Series: Military Application Open Frame Compliance MIL-STD-810G (Anti-Shock and Anti-Vibration)

FEATURES HIGHLIGHTS



Easy to Mount Open Frame, metal chassis
(top & bottom flanges)

Optional for Resistive/ Capacitive/ SAW/ IR/ Projective
Capacitive Touch screen

Auto Video Signal ON / OFF
Auto Always Power On

Side OSD buttons can prevent unnecessary setting
changes.



Ultra low speed/Noise fan for extra cooling
(24" LCD or above)

VESA Mounting Hole Pattern

Reliable built-in Power supply for 15" or above
(Optional for 9-36V DC input)



Standard VGA Input
(Optional for DVI, HDMI, AV, BNC, AV looping and SDI)

Optional for RS232 Remote Control Protocol: Command
Code to set system



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
- Compliance MIL-STD-810G (Anti-Shock and Anti-Vibration)

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) x 1080 (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	N/A	
Input Terminals	1 xVGA, 1 xHDMI, 1 xPC 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	AC-IN w/Built-in PWR		
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.**

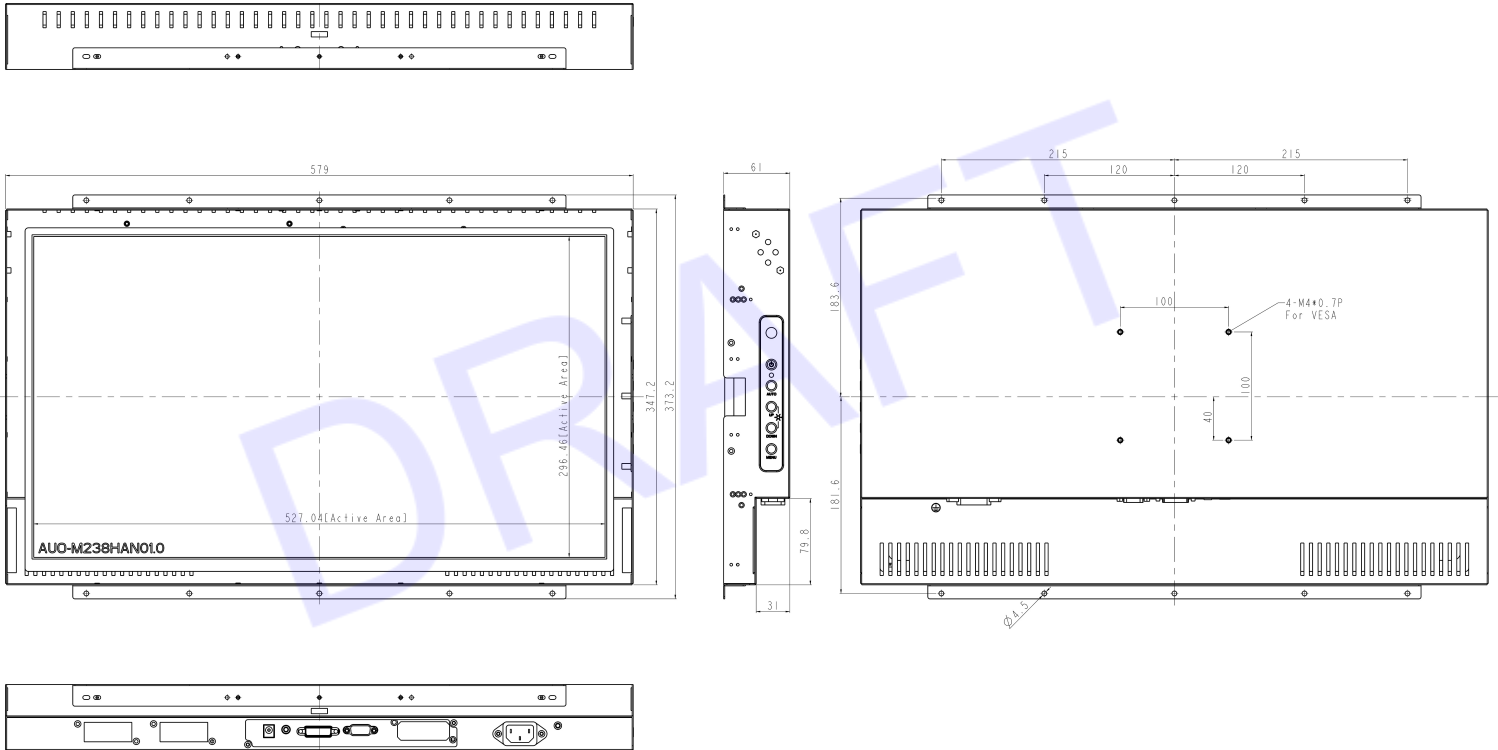
OPTION MIL

- 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-MILS 901D
- Vibration-MIL STD 167



MECHANICAL DRAWING

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



LCD OPTIONS:



LED Backlight Options

Introducing LED backlight options for monitors for energy efficiency and a brighter screen.



TouchScreen Options

Our LCD has a wide selection option to choose which touchscreen technology suits for you.

	Four-Wire Resistive	Five-Wire Resistive	Pen Touch	Capacitive	Surface Wave(Saw)	Infrared Touch (Ir)
PRODUCT SIZE	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
TOUCH LIFE	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
SCRATCH RESISTANCE	Hard Coated	Hard Coated	Hard Coated (SiO ²)	Hard Coated (SiO ²)	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
CONTAMINANT RESISTANCE	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers
INPUT METHOD	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
CONTROLLER	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232



VIDEO Input Options:

For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)



Optical Bonding Options

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



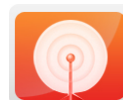
RS-232 Remote Control Options

Remote Control Protocol: Command Code to set system



9-36V DC Input Options

iTech offers a selection of DC input from 9V to 36V



Light Sensor and Motion Sensor Options

iTech LCD offers Light and Motion Sensor

Privacy Filter

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm