

# ULTRA HIGH BRIGHTNESS OPEN FRAME LCD MONITOR

Open Frame, 12.1" LCD monitor, 1024x768, LED-2000nits  
VGA, HDMI, WT(-30~70C), 9~36VDC-IN w/ Adapter

MODEL: EOP1210HB3



## FEATURES:

- Mechanical design modularization facilitates flexible product configuration and simplified maintenance.
- VGA connector equipped with optional AV, SV, and AV-Looping capabilities.
- Ultra-high brightness panel for enhanced visibility.
- Auto-brightness sensor availability enables adaptable application usage during both day and night.
- Option for built-in touch screen functionality, ideal for interactive applications.
- Tailored designs and solutions crafted exclusively for OEM clients.

## SPECIFICATIONS:

Cell Type	TFT LCD
Glass Surface	Black Anti-Glare, low reflection coating
Aspect Ratio	4:3
Size	12.1" viewable diagonal area
Active Area	245.8(H) x 184.3(V) mm
Pixel Pitch	0.24(H) x 0.24(V) mm
Native Resolution	1024(H) x 768(V)
Colors	16.2 M
Brightness	2000nits
Contrast	700 : 1
Response Time	≤ 25 ms
Viewing Angle (typical)	H. 160°(- 80°~ + 80°) , V. 140°(- 70°~ + 70°)
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	

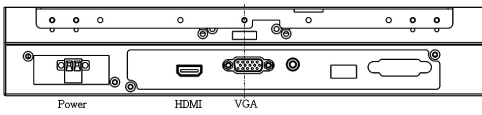
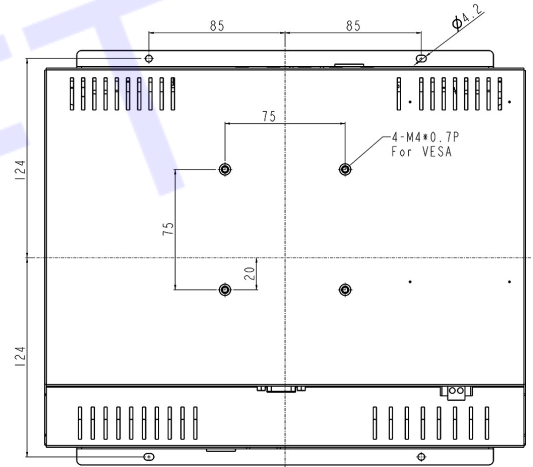
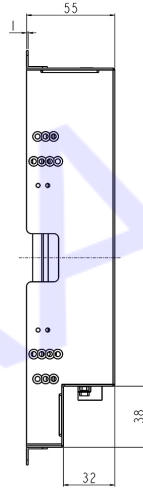
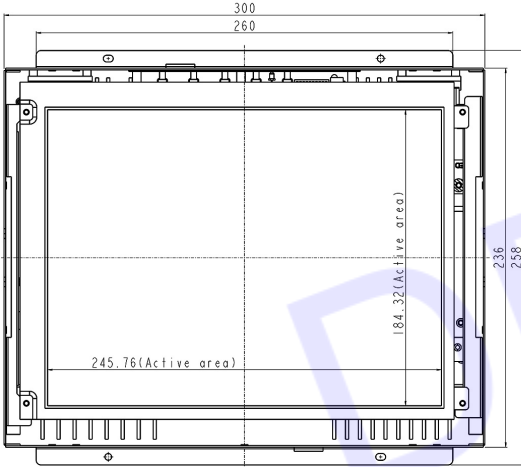
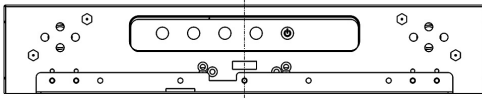
*\*Specifications subject to change without notice, not responsible for typographical errors.*

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	
POWER CONSUMPTION	
Operation / Power Saving	24 watt , < 2 watt (Support DPMS)
OPERATING CONDITION	
Temperature / Humidity	-30°C ~ 70°C (-22°F ~ 158°F) , 10% ~ 90% (no condensation)
STORAGE CONDITION	
Temperature / Humidity	-30°C ~ 80°C (-22°F ~ 176°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.: EOP1210HB3-04262024-V1