



**Model: EOPS1600HB**

Stretch Display, Open Frame 16" LCD monitor, 1280x645, LED-700nits, VGA input, (1/2 cut of 1280x1024)

**EOPS Series:** Industrial Open Frame Metal Housing LCD Monitor (Optional for High Brightness and LED backlight)

**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:

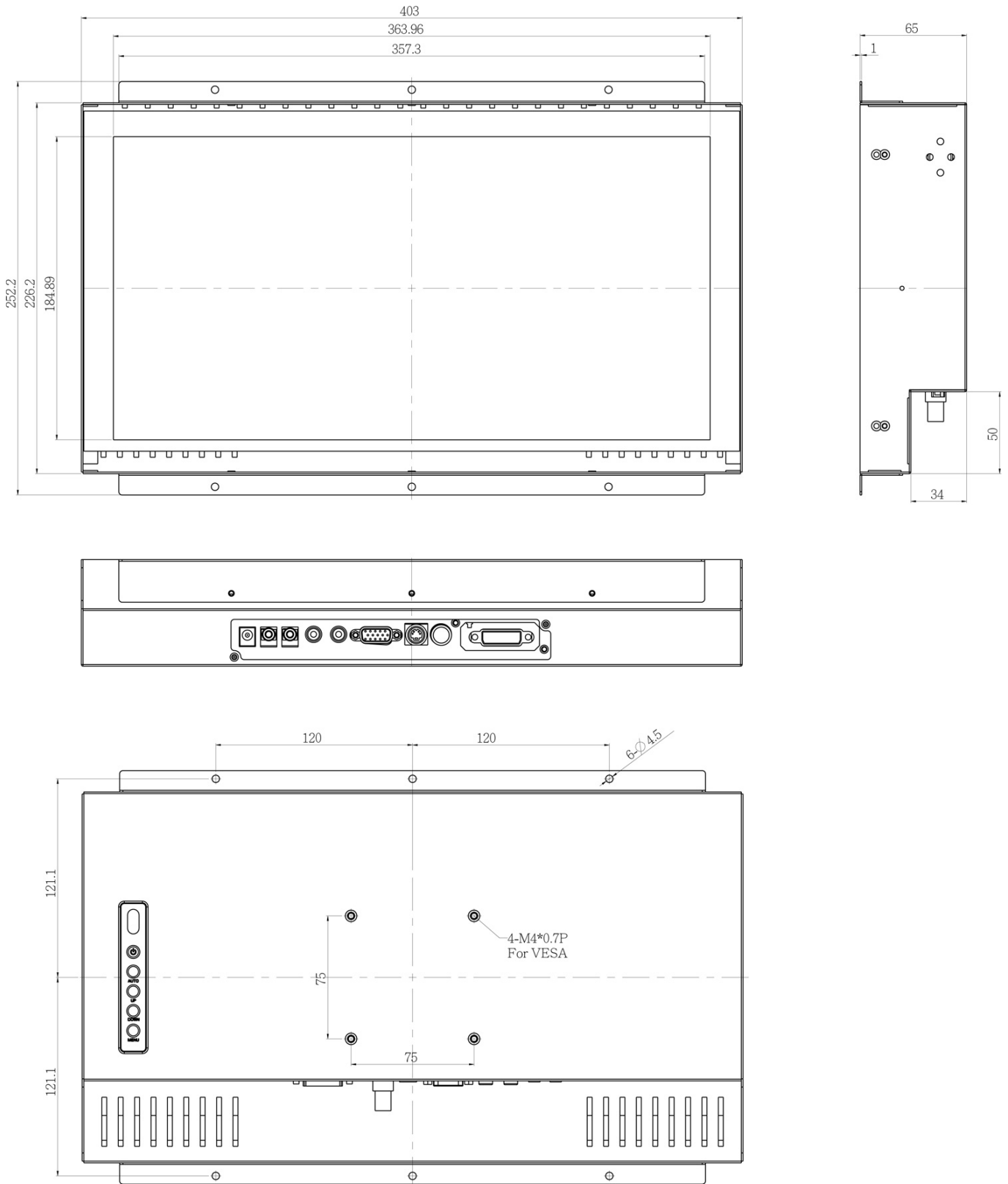
- Modular mechanism design provides flexible product configuration and easy maintenance.
- Optional with auto-brightness sensor offers application in day and night
- Optional to built-in PC eliminates external box.

## Specification:

<b>Panel</b>	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Size	15.9" viewable diagonal area	
	Active Area / Pixel Pitch	360.96(H) x 181.89(V) mm / 0.282(H) x 0.282(V) mm	
	Native Resolution / Colors	1280(H) x 645(V) / 16 Million	
	Brightness / Contrast	700 cd/m <sup>2</sup> (typ) / 600 : 1	
	Response Time	≤ 16 ms	
	Viewing Angle (typical)	H. 160o (- 80o ~ + 80o) , V. 160o(- 80o ~ + 80o)	
	Light Source	LED Backlight , Long life, 50,000 hrs (typ)	
<b>Input Sources</b>	PC System	Signal	Analog RGB (0.7/1.0 V <sub>p-p</sub> , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F <sub>h</sub> : 30 - 82Khz , F <sub>v</sub> : 50 -75Hz
	Audio System	3W speaker x 2	
<b>Input Terminals</b>	1 x VGA (15 Pin Female D-Sub) , 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug		
<b>Convenient Features</b>	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA 75 x 75 mm)		
<b>Power</b>	External AC-to-12VDC power adapter with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz		
<b>Power Consumption</b>	Operation / Power Saving	15 watt , < 2 watt (Support DPMS)	
<b>Operating Condition</b>	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)	
<b>Storage Condition</b>	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation)	
<b>Certification</b>	FCC , CE		
<b>Dimensions</b>	Physical	With Base(W x H x D) : TBD	
		Without Base(W x H x D) : 405.7 x 228.9 x 66.0 (mm)	
	Carton	W x H x D = TBD	
<b>Weight</b>	N.W. / G.W.	TBD	

<b>Options</b>	Video / TV	Others
	SV + AV	Digital Signage(Stand alone)
	SV + AV + AV Looping	Networking Digital Signage
	SV + AV + TV	Motion Sensor
		Light Sensor
		Auto-Dimming

# Mechanical Drawing:



## LCD Options:



### LED Backlight Options

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



### 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

