

# Industrial Panel Mount LCD



IP65 front Panel Mount (Metal-3mm), 24" LCD Monitor  
1920x1080, 300nits, VGA+DVI+HDMI, Side OSD, including rear  
screw/Clamp/VESA Mount with 5 Wire Resistive Touch Screen  
and USB Controller Integrated IP65 Front Panel Al-5mm  
Front Bezel: 650mmx430mm  
Cut Out 579mmx347.2mm

**Model: EPMW2400HDIP-TR-C1**

**EPM Series: Industrial Panel Mount Metal Housing LCD Monitor**  
(Optional Integrated Touchscreen/Front IP65/NEMA4x/Front Stainless steel bezel and more...)

## FEATURES HIGHLIGHTS



## 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
- 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.



Side OSD buttons can prevent unnecessary setting changes.

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

## SPECIFICATIONS:

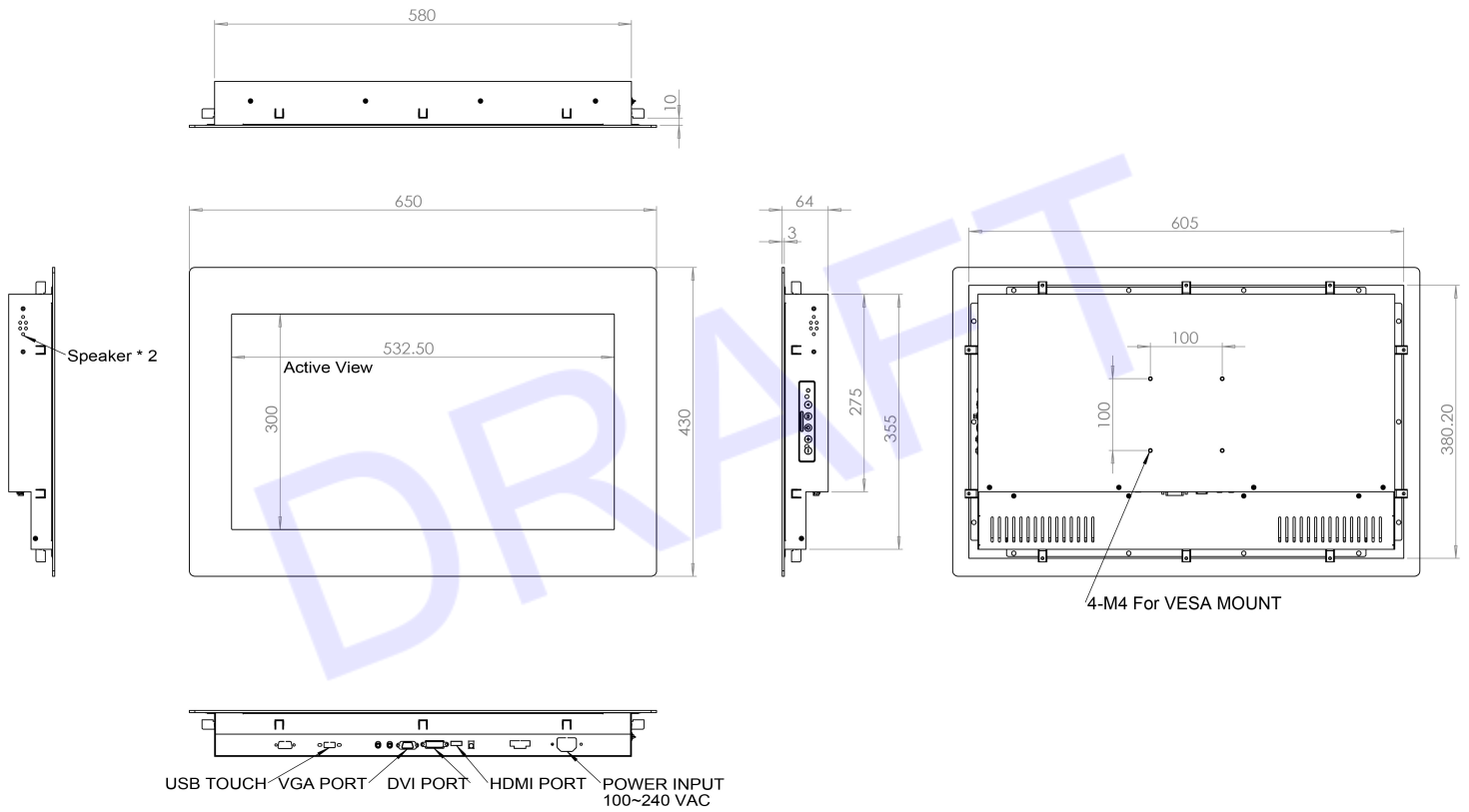
<b>Panel</b>	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	Wide / 24" viewable diagonal area
	Active Area / Pixel Pitch	532.50(H) x 300(V) mm / 0.2768(H) x 0.2768(V) mm
	Native Resolution / Colors	1920(H) x 1080(V) / 16.7M
	Brightness / Contrast	300 cd/m <sup>2</sup> (typ) / 1000 : 1
	Response Time	< 5 ms
	Viewing Angle (typical)	H.178° (- 89° ~ + 89°) , V. 178° (- 89° ~ + 89°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
	Audio System	2W Speaker x 2
<b>Input Sources</b>	VGA+DVI+HDMI	
<b>Convenient Features</b>	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)	
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)	
<b>Power</b>	Internal power supply with universal / Auto-Sensing, AC100 to 240V AC, 50/60 Hz	
<b>Power Consumption</b>	Operation / Power Saving	18W-24W
<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	Please refer to Drawing
	Carton	W x H x D = TBD
<b>Weight</b>	N.W. / G.W.	12 Kgs / 13.5 Kgs
<b>Container Loaded</b>	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

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

## MECHANICAL DRAWINGS:

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



Drawing No.: EPMW2400HDIP-TR-C1-06212022-V1

## 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)
<b>PRODUCT SIZE</b>	1.7" - 24"	10.4" - 24"	15" - 19"	12" - 24"	10.4" - 30"	10.4" - 42"
<b>TOUCH LIFE</b>	1 - 2 million touches	30 - 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
<b>SCRATCH RESISTANCE</b>	Hard Coated	Hard Coated	Hard Coated (SiO <sup>2</sup> )	Hard Coated (SiO <sup>2</sup> )	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
<b>CONTAMINANT RESISTANCE</b>	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
<b>INPUT METHOD</b>	Finger, Gloved Hand, Stylus	Finger, Gloved Hand, Stylus	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus	Finger, Gloved Hand, Stylus
<b>CONTROLLER</b>	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.



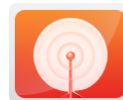
### RS-232 Remote Control Options

**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