

EFM Series Industrial Flush Mount LCD Monitor



Flush Mount 15.4" Wide LCD monitor, 1280 x 800, LED 1000 nits, VGA input, WT(-30~80°C) with Projective Capacitive Touch (1-2mm) USB Controller

(Model: EFMW1540HB2WT-PCT)



**All
Weather**



**Sunlight
Readable**



**Extended
Temperature**



**Vibration
Safeguards**



**Shock
Safeguards**



**Low
Power**

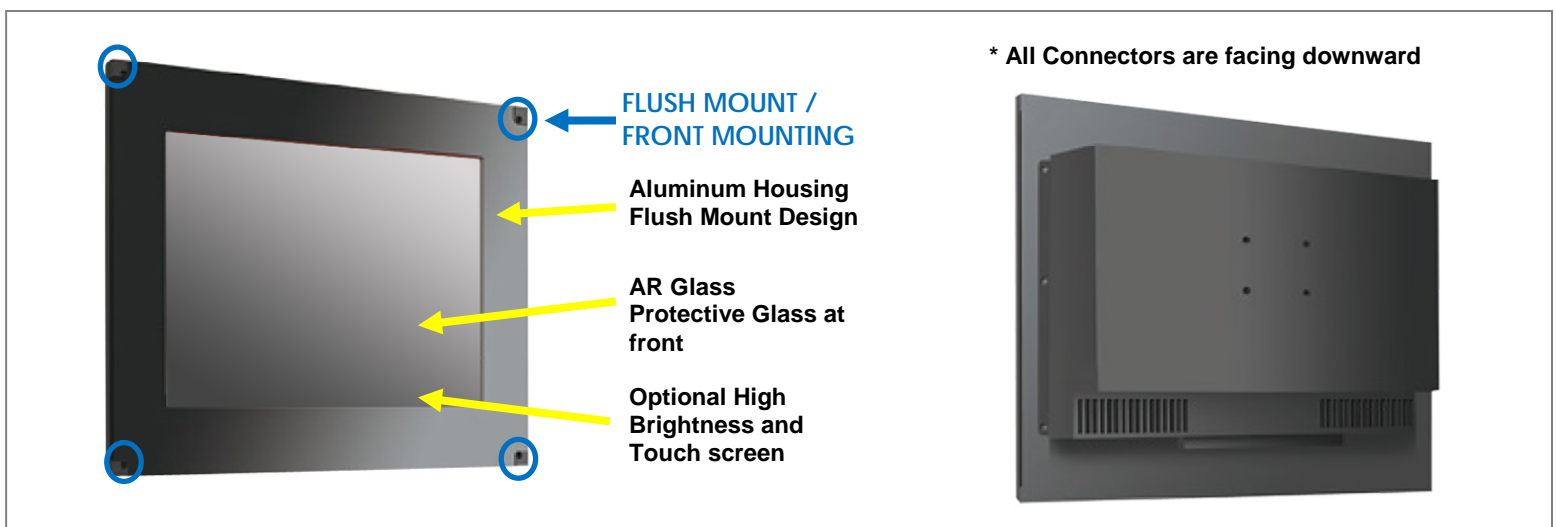


**Wide
Viewing**

Features:

- Modular mechanism design provides flexible product configuration and easy maintenance.
- Optional to built-in touch screen for interactive application.
- Available with auto-brightness sensor offers application in day and night.
- Complete custom design/solution for OEM customers

Industrial Rugged Flush Mount LCD Monitor



i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com

Specification:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	Wide / 15.4" viewable diagonal area	
	Active Area / Pixel Pitch	331.2(H) x 207.0(V) mm / 0.2588(H) x 0.2588(V) mm	
	Native Resolution / Colors	1280(H) x 800(V) / 262 K	
	Brightness / Contrast	1000 cd/m ² (typ) / 700 : 1	
	Response Time	≤ 16 ms	
	Viewing Angle (typical)	H.170° (- 85o ~ + 85o) , V. 160o(- 80o ~ + 80o)	
	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 x VGA (15 Pin Female D-Sub) , 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	External AC-to-12VDC power adapter with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz		
Power Consumption	Operation / Power Saving	17 watt , < 1 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	- 30°C ~ 80°C (-22°F ~ 176°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	W x H x D = TBD	
Weight	N.W. / G.W.	4.5 Kgs / 5.5 Kgs	
Container Loaded	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

Applications:

- Automation
- Batch Processing
- Commercial Broadcast Operations
- Man Machine Interface (MMI) Operation
- Electronic Flight Bag (EFB)
- Food Processing
- GPS Mapping Systems
- Inspection Systems

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**

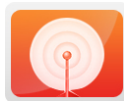
- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock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