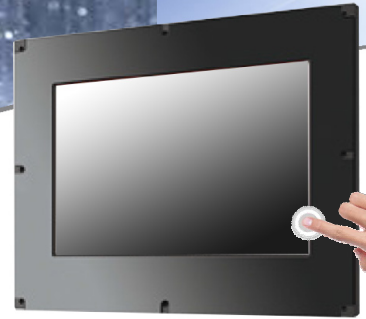


# EFM Series Industrial Flush Mount LCD Monitor



Flush Mount 17.3" Wide LCD monitor, 1920x1080  
LED 300 nits Operating Temp -15C to 65C, with 5 Wire  
Resistive Touch Screen and USB Controller eGalax Drivers

**Model: EFMW1730T-TR**



**All  
Weather**



**Extended  
Temperature**



**Vibration  
Safeguards**



**Shock  
Safeguards**



**Low  
Power**

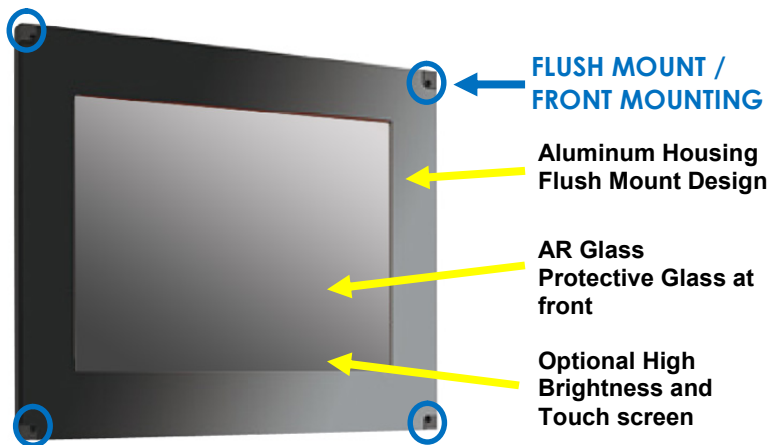


**Wide  
Viewing**

## 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

## Industrial Rugged Flush Mount LCD Monitor



\* All Connectors are facing downward



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## Specification:

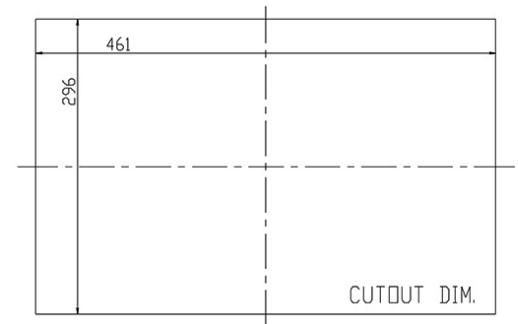
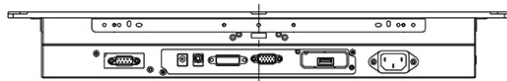
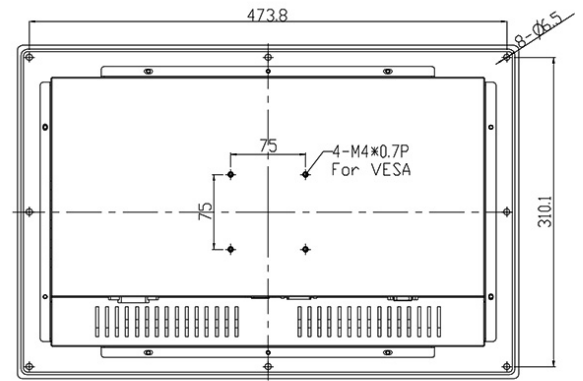
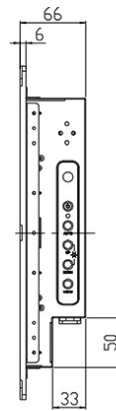
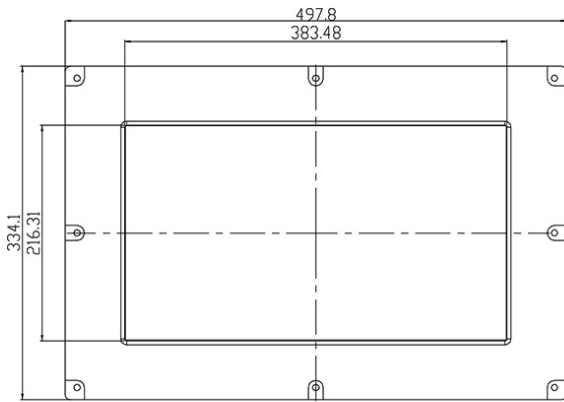
|                     |   |   |   |
|---------------------|---|---|---|
| Panel               | Cell Type / Glass Surface   | TFT LCD / Black Anti-Glare, low reflection coating          |   |
|                     | Aspect Ratio / Size   | Wide / 17.3" viewable diagonal area                         |   |
|                     | Active Area / Pixel Pitch   | 381.888(H) x 214.812(V) mm / 0.1989(H) x 0.1989(V) mm       |   |
|                     | Native Resolution / Colors  | 1920(H) x 1080(V) / 262 K                                   |   |
|                     | Brightness / Contrast   | 300 cd/m2 (typ) / 600 : 1                                   |   |
|                     | Response Time   | ≤ 35 ms   |   |
|                     | Viewing Angle (typical)   | H.178° (- 89o ~ + 89o) , 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 <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  | 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               | Internal power supply with universal / Auto-Sensing, AC90 to 260V, 50/60 Hz             |   |   |
| Power Consumption   | Operation / Power Saving  | 15 watt , < 1 watt (Support DPMS)                           |   |
| Operating Condition | Temperature / Humidity  | -15°C ~ 65°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)   |   |
| Storage Condition   | Temperature / Humidity  | - 20°C ~ 60°C (- 4°F ~ 140°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

## 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