**Flush Mount IP65 front 10.4" LCD monitor, 1024x768, LED-450nits, VGA, WV(178°/178°), WT(-30~70C) 12VDC-IN w/Adapter, with 5 Wire Resistive Touch Screen and USB Controller**
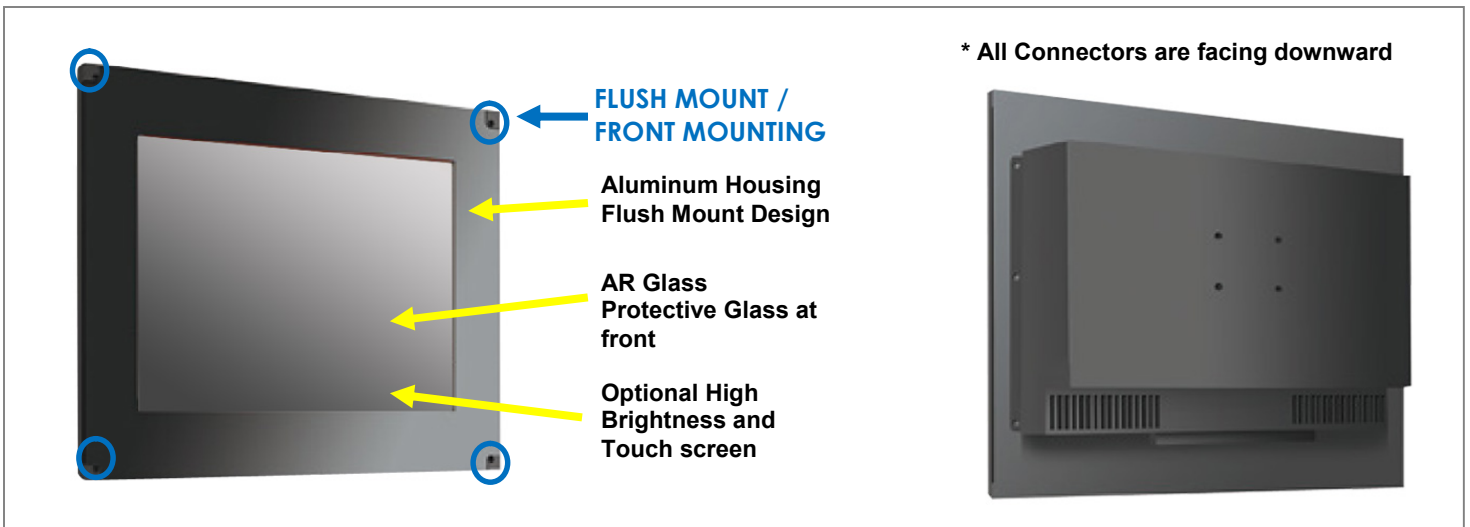
## Model: EFM1040XWT-IP-TR

### 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

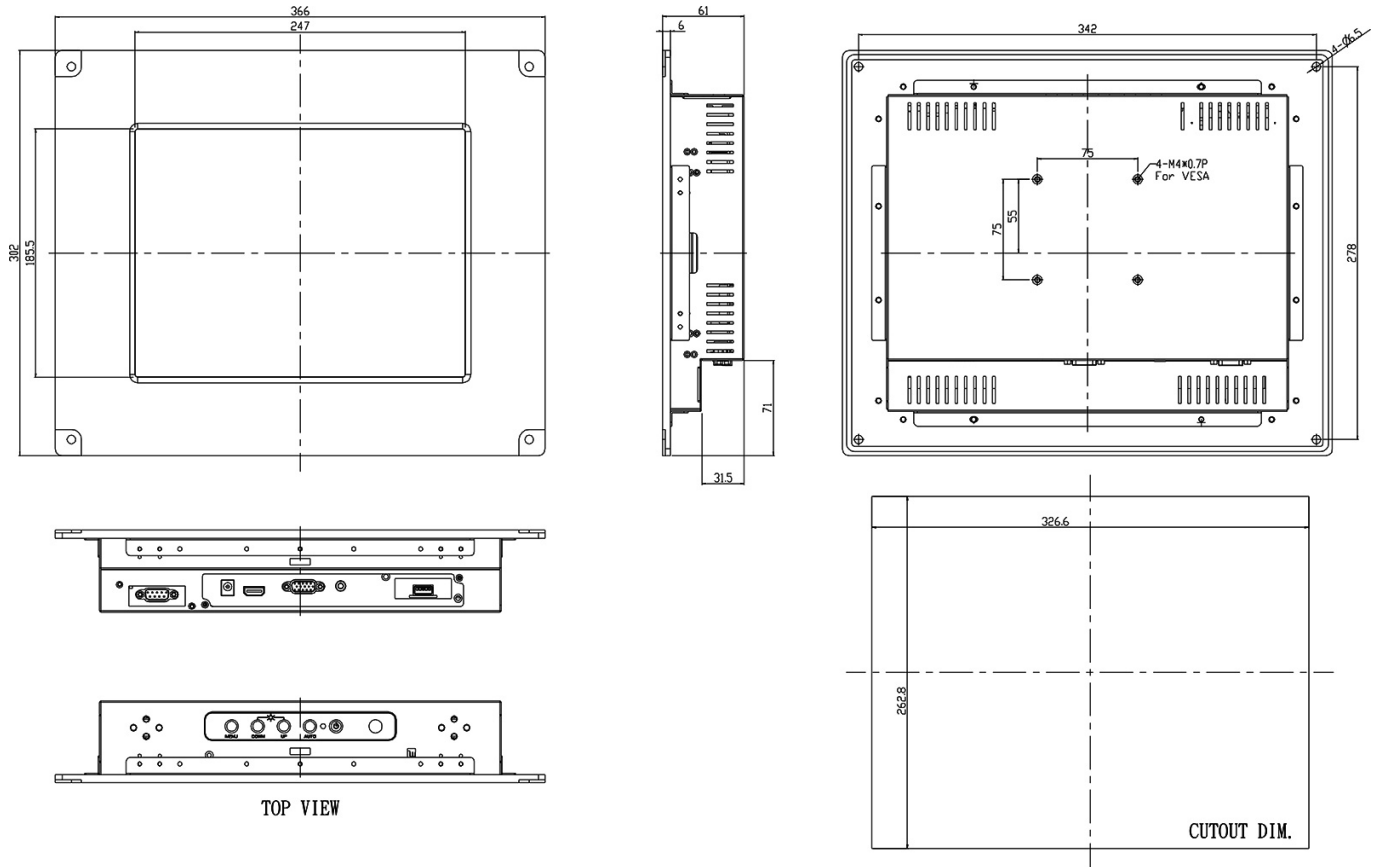**FLUSH MOUNT / FRONT MOUNTING**

**Aluminum Housing Flush Mount Design**

**AR Glass Protective Glass at front**

**Optional High Brightness and Touch screen**

**\* All Connectors are facing downward**

## SPECIFICATION:

| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low refection coating | |
|---|---|---|---|
| | Aspect Ratio / Size | 4 : 3 / 12.1" viewable diagonal area | |
| | Active Area / Pixel Pitch | 245.8(H) x 184.3(V) mm / 0.24(H) x 0.24(V) mm | |
| | Native Resolution / Colors | 1024(H) x 768(V) / 16.2 M | |
| | Brightness / Contrast | 450 cd/m$^2$ (typ) / 700 : 1 | |
| | Response Time | ≤ 25 ms | |
| | Viewing Angle (typical) | H. 178° (- 89° ~ + 89°) , 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$_{p-p}$, 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 | 12V DC in | | |
| Power Consumption | Operation / Power Saving | 23.75 watt , < 2 watt (Support DPMS) | |
| Operating Condition | Temperature / Humidity | -30ºC ~ 70ºC (-22ºF ~ 158ºF) , 10% ~ 90% (no condensation) | |
| Storage Condition | Temperature / Humidity | -30ºC ~ 80ºC (-22ºF ~ 176ºF) , 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. | 3.5 Kgs / 4.5 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:



TOP VIEW

CUTOUT DIM.

## 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