



ED-MONITOR-133C

Datasheet

by EDA Technology Co., Ltd

built: 2025-05-13

ED-MONITOR-133C

13.3-inch 1080p Industrial Touchscreen Monitor

- 1920x1080 resolution, multi-touch capacitive touch screen
- Standard HDMI port for direct connection to Raspberry Pi HDMI output
- Type-C USB port to connect to Raspberry Pi USB port for touch function without driver installation
- Stereo audio output, support headphone
- 12V~24V power input on DC Jack connector
- Support backlight adjustment via software
- Featuring an aluminum alloy frame and a sheet metal enclosure, with the front panel achieving an IP65 dustproof and waterproof rating
- Embedded installation, compatible with VESA standard bracket installation



Specifications

| Panel I/O | |
|-----------|--|
| HDMI | 1 x HDMI port, Type-A connector, connecting to HDMI output. |
| USB | 1 x USB touch screen interface (Type-C USB) for connecting to USB interface and transmitting touch screen signals. |
| Audio | 1 x 3.5mm audio jack, stereo audio output |
| Power | 1 x DC Jack port, support 12V~24V power input. |

| Buttons and Indicators | |
|------------------------------|--|
| PWR | 1 x Red power indicator, using to check the status of device power-on and power-off. |
| Brightness Adjustment Button | 2 x Brightness adjustment buttons for increasing and decreasing the brightness. |
| Volume Adjustment Button | 2 x Volume adjustment buttons for increasing and decreasing the volume. |
| Mute Button | 1 x Mute button for mute and unmute audio. |

| LCD | |
|--------------|-------------|
| Type | 13.3" TFT |
| Resolution | 1920 x 1080 |
| Color Number | 16.7M |

| LCD | |
|--------------------------|---------------------------------------|
| Active Area | 293.76mm (H) x 165.24mm (V) |
| Backlight | LED |
| Luminance | 450cd/m ² |
| Contrast Ratio | 1500:1 |
| Response Time | 25ms |
| Viewing Angle (CR≥10) | 80° (L) / 80° (R) / 80° (U) / 80° (D) |

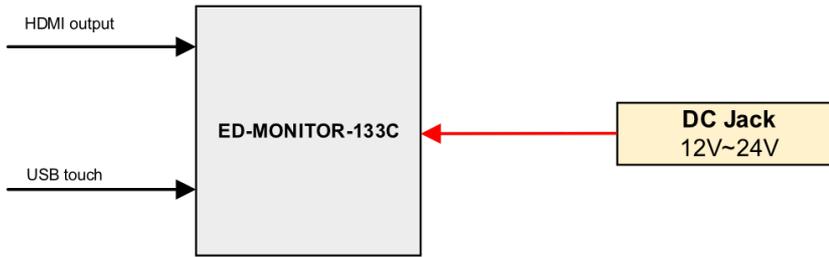
| Touch Screen | |
|----------------------|-------------------------|
| Type | Capacitive Touch Screen |
| multi-touch | Up to 5 points |
| Communication Method | USB |
| Transmittance | ≥85% |
| Surface Hardness | ≥6H |

| Electrical Characteristics | |
|----------------------------|------------|
| Input Voltage | 12V~24V DC |
| Power Consumption | 15W (Max) |

| Mechanical Characteristics | |
|----------------------------|---|
| Dimensions | 340.2mm x 211.2mm x 35mm (WxDxH) |
| Weight | About 1.9kg |
| Installation | Embedded front installation and VESA bracket mounting |

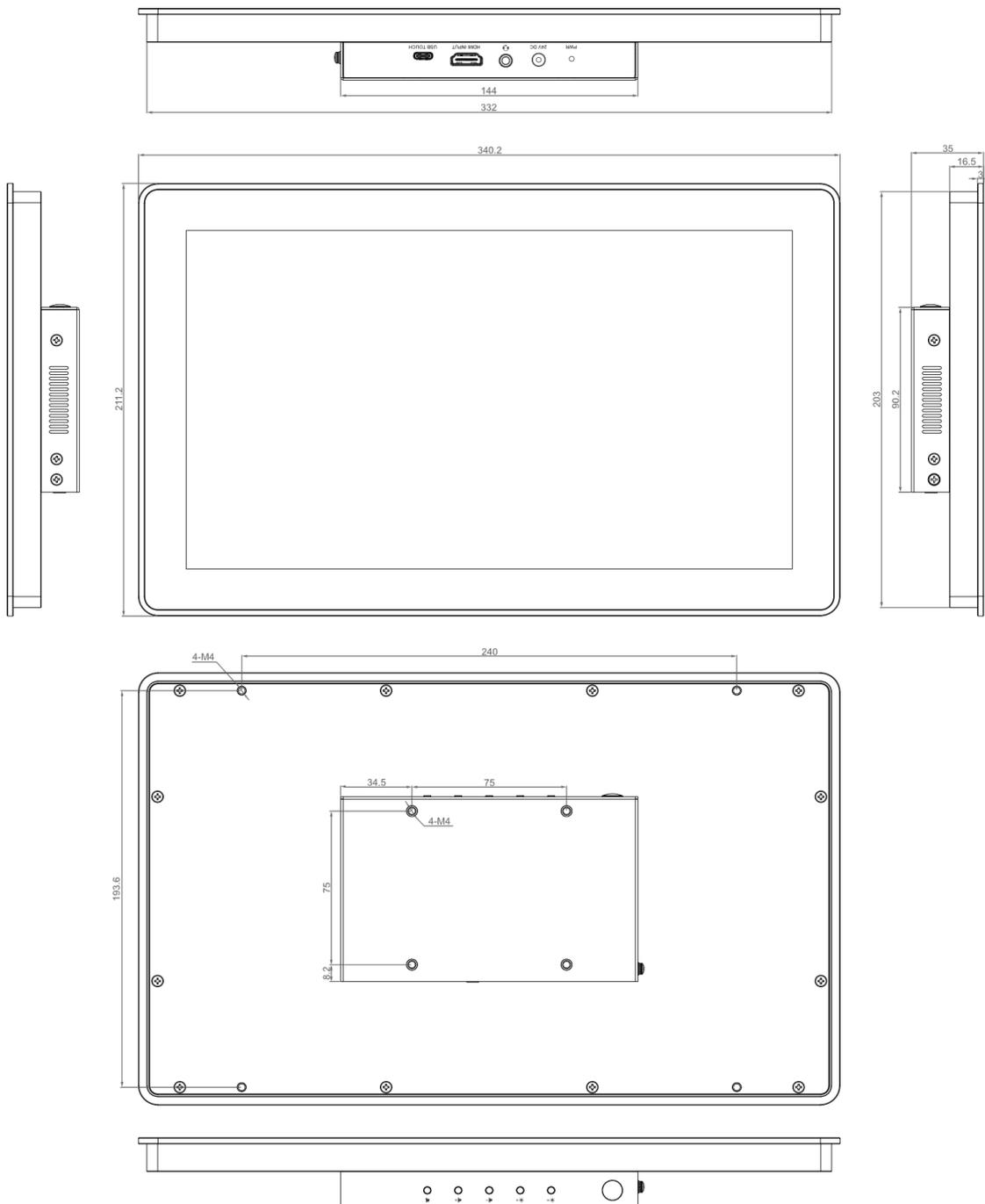
| Environmental & Regulatory | |
|----------------------------|---------------------------|
| Operating Temperature | -10°C ~ 60°C |
| Storage Temperature | -20°C ~ 70°C |
| Ambient humidity | 5% ~ 95% (non-condensing) |

System Diagram

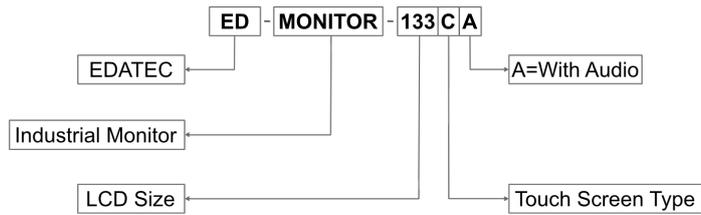


Dimensions

Unit: mm



Ordering Code



Example

P/N: **ED-MONITOR-133CA**

Configuration: 13.3-inch 1080p Industrial Touchscreen Monitor with audio.

Packing List

- 1 x ED-MONITOR-133C Monitor
- 1 x Mounting Kit (including 4 x buckles, 4xM4*10 screws and 4xM4*16 screws)