



## Features

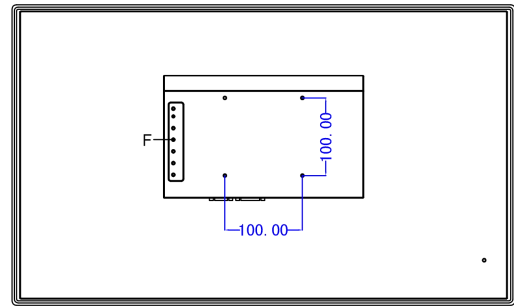
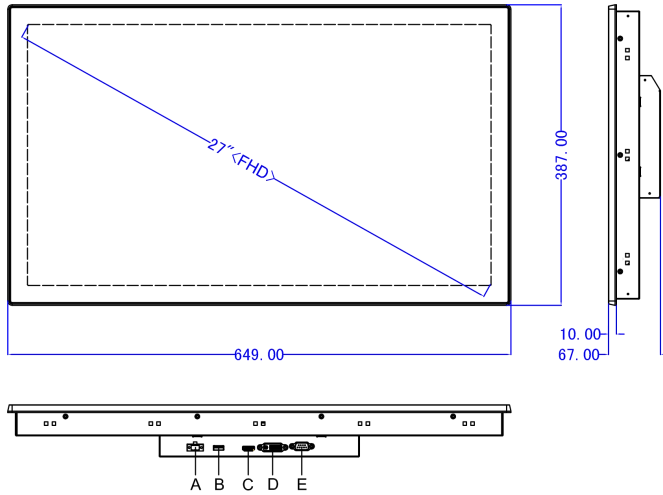
- Industrial-grade 27" FHD LCD panel with 40k backlight lifetime
- True-flat touchscreen with multi-touch projected capacitive control
- IP66 grade aluminum alloy front panel
- Video Input Interfaces: 1 x VGA / 1 x HDMI / 1 x DVI
- Support USB Interfaces for Touch Function
- Supports embedded / VESA 100mm x 100mm mounting holes
- Wide Operating Temperature -20°C to 70°C
- 12V to 24V DC Wide Range Power Input



## Specifications

| Display               |  |
|-----------------------|--|
| Panel Size            | 27" ( 16:9 )   |
| Resolution            | 1920 x 1080 ( FHD )                                      |
| Display Brightness    | 300 cd/m2  |
| Contrast Ratio        | 3000:1   |
| Backlight Lifetime    | 40000 Hr (min.)  |
| Viewing Angle         | 89 / 89 / 89 / 89 (CR≥10) ( L / R / U / D )              |
| Touch screen          |  |
| Touch Type            | 10 point PCAP  |
| Surface Hardness      | ≥7H  |
| I / O                 |  |
| VGA                   | 1 x VGA  |
| H-DMI                 | 1 x H-DMI  |
| DVI                   | 1 x DVI  |
| USB                   | 1 x Touch USB  |
| Other I/O Interface   | 1 x OSD Control Key                                      |
| Power                 |  |
| Power Adapter         | 1 x Optional AC/DC 12V/4A , 48W                          |
| Power Input           | 2-pin Terminal Block Connector with Power Input 12~24VDC |
| Power Consumption     | ≤30W   |
| Physical              |  |
| Material              | Aluminum alloy panel, anodized treatment                 |
| Mounting              | Stand / Wall / VESA / Panel                              |
| Dimension (W x H x D) | 649 x 387 x 67 mm  |
| Cut-out Size          | 632 x 374 mm   |
| Packing Size          | 730 x 200 x 530 mm                                       |
| Weight (Net)          | 8.9 kg   |
| Environment           |  |
| Operating Temperature | -20~70°C ( -4~158°F )                                    |
| Storage Temperature   | -30~80°C (-22~176°F)                                     |
| Relative Humidity     | 5%~95%@40°C, non-condensing                              |
| Vibration Protection  | 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis  |
| IP Level              | Front Panel IP66   |
| EMC                   | CE, FCC, Class A, ROHS , IEC / EN 62368-1                |

Dimension & I/O



I / O Definition:

- A: DC 12V ~24V
- C: H-DMI
- E: VGA
- B: T-USB
- D: DVI
- F: OSD Control Key

Panel Cutout Dimensions: 632 x 374 mm (22.88 x 14.55 in )

Ordering info

| Available models | Description  |
|------------------|--|
| PM-H027WAC       | 27" FHD LCD Industrial Monitor with Capcice touch, 1 x HDMI / 1 x DVI / 1 x VGA / 1 x T-USB / DC 12V~24V |

Packing list

|                              |
|------------------------------|
| 1 x Standard product         |
| 1 x 60W PSU (Power Supply)   |
| 1 x 1.5M HDMI Cable          |
| 1 x 1.5M T-USB Cable         |
| 16 x Panel mount metal clips |

Available models

| Display Size | Resolution       | Format | Brightness(cd/m <sup>2</sup> ) | Brightness(cd/m <sup>2</sup> ) | LCD Color  | Backlight MTBF  |
|--------------|------------------|--------|--------------------------------|--------------------------------|------------|-----------------|
| 10.1"        | 1280 x 800       | 16:10  | 400 cd/m <sup>2</sup>          | 85/85/85/85                    | 262K/16.2M | 30000 Hr (min.) |
| 10.4"        | 800x600/1024x768 | 4:3    | 350 cd/m <sup>2</sup>          | 80/80/65/75                    | 262K/16.2M | 30000 Hr (min.) |
| 12.1"        | 800x600/1024x768 | 4:3    | 500 cd/m <sup>2</sup>          | 88/88/88/88                    | 262K/16.7M | 50000 Hr (min.) |
| 12.1"        | 1280x800         | 16:10  | 400cd/m <sup>2</sup>           | 88/88/88/88                    | 262K/16.7M | 50000 Hr (min.) |
| 13.3"        | 1920x1080        | 16:9   | 400cd/m <sup>2</sup>           | 85/85/85/85                    | 262K/16.7M | 50000 Hr (min.) |
| 15"          | 1024x768         | 4:3    | 350cd/m <sup>2</sup>           | 89/89/89/89                    | 262K/16.2M | 50000 Hr (min.) |
| 15.6"        | 1920x1080        | 16:9   | 450cd/m <sup>2</sup>           | 89/89/89/89                    | 262K/16.2M | 50000 Hr (min.) |
| 17"          | 1280x1024        | 5:4    | 400cd/m <sup>2</sup>           | 80/80/70/70                    | 262K/16.7M | 50000 Hr (min.) |
| 17.3"        | 1920x1080        | 16:9   | 400cd/m <sup>2</sup>           | 80/80/60/80                    | 262K/16.7M | 50000 Hr (min.) |
| 18.5"        | 1920x1080        | 16:9   | 350cd/m <sup>2</sup>           | 85/85/85/85                    | 262K/16.7M | 50000 Hr (min.) |
| 19"          | 1280x1024        | 5:4    | 450cd/m <sup>2</sup>           | 89/89/89/89                    | 262K/16.7M | 50000 Hr (min.) |
| 21.5"        | 1920x1080        | 16:9   | 400cd/m <sup>2</sup>           | 89/89/89/89                    | 262K/16.7M | 50000 Hr (min.) |
| 23.8"        | 1920x1080        | 16:9   | 350cd/m <sup>2</sup>           | 89/89/89/89                    | 262K/16.7M | 30000 Hr (min.) |
| 27"          | 1920x1080        | 16:9   | 300cd/m <sup>2</sup>           | 89/89/89/89                    | 262K/16.7M | 40000 Hr (min.) |