

Powerful. Beautiful.
Excellence · Innovation

IDD21101
IDD22101
IDD24101



Shanghai Panelmate Electronics Co., Ltd.

10.1" WXGA Industrial Monitor

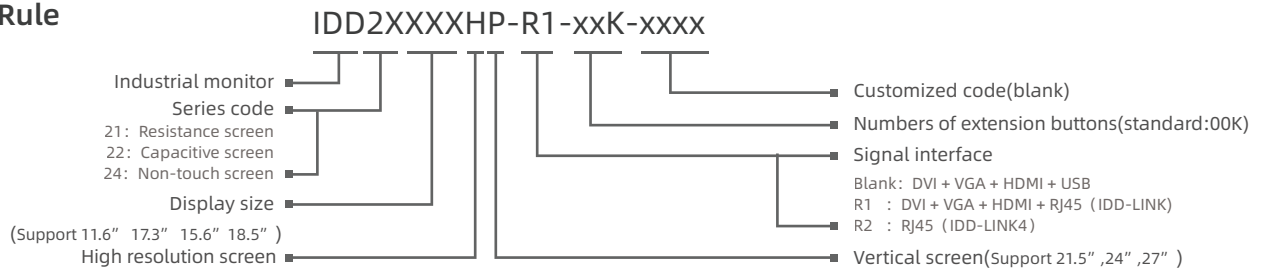
PANELMATE
Creative HMI Solution



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19", 21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS:Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

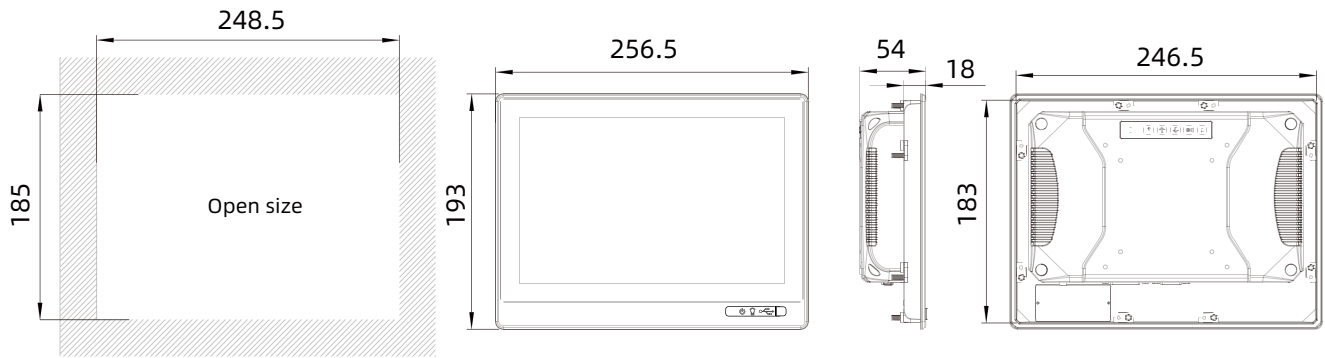


Specifications

| Model | IDD21101&IDD22101&IDD24101 | |
|-------------|----------------------------|--|
| Routine | Control button | Set contrast ratio and luminance via OSD at the back cover |
| | Housing | Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection |
| | Mounting | Embedded,Wall-mounted,VESA ,Desktop |
| | Rear I/O | VGA & DVI & HDMI & USB |
| Power | Input Voltage | DC 9~36V |
| | Power | 5W |
| Physical | Dimension (WxHxD/mm) | 256.5 x 193 x 54 (10.10" x 7.60" x 2.13") |
| | Open Size (WxH/mm) | 248.5 x 185 (9.78" x 7.28") |
| | Net Weight(kg) | 1.75 |
| LCD | Display type | 10.1" WXGA TFT |
| | Resolution | 1280 x 800 |
| | Colors | 16.7M |
| | Active Area (WxH/mm) | 216.96 x 135.60 (8.54" x 5.34") |
| | Backlight | LED |
| | MTBF(Hour) | 30000hrs |
| | Pixel Pitch (HxV) | 0.1695 x 0.1695 |
| | Luminance(cd/m2) | 400 |
| | Contrast Ratio | 800:1 |
| | Viewing Angle | (L)85 / (R)85 / (U)85 / (D)85 |
| Touchscreen | Touch Type | Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen |
| | Light Transmission | >85% |
| | Controller | USB |
| | Driver Support | Windows7, Window8, Windows10, Windows11, Linux, etc |
| | Multi-touch | 10 points |
| | Surface Hardness | Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H |
| Environment | Operating Temperature | -20 ~ 70°C |
| | Storage Temperature | -30 ~ 70°C |
| | Relative Humidity | 5 ~ 95% (Non condensation) |
| | Shock | Operating 10G peak acceleration(11 ms duration), follow IEC 60068-2-27 |
| | Vibration | Operating Random Vibration Test 5~500Hz,1Grms@with HDD;2Grms@with SSD, follow IEC 60068-2-64 |
| | EMC | CE/FCC Class A |
| | Front Panel Protection | Front panel IP65 compliant |

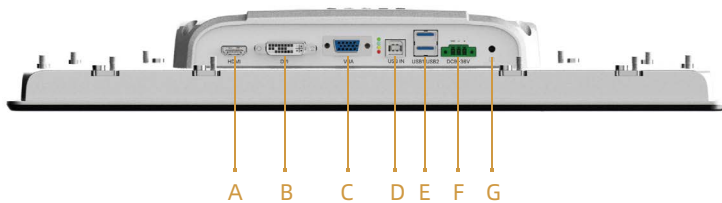
IDD21101 & IDD22101 & IDD24101

Technical Drawings unit:mm



Panel Cutout Dimensions: 248.5 x 185mm (9.78 x 7.28in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 9~36V
- G: GND

Ordering Information

| Part Number | Description |
|-------------|--|
| IDD21101 | 10.1" TFT LCD / Resistive touch screen / DC9~36V Input / Resolution 1280x800 |
| IDD22101 | 10.1" TFT LCD / Capacitive touch screen / DC9~36V Input/ Resolution 1280x800 |
| IDD24101 | 10.1" TFT LCD / Non-touch screen / DC9~36V Input/ Resolution 1280x800 |

Optional Accessories

| | |
|------|------------------------|
| VGA | VGA 3m / 5m |
| DVI | DVI 3m / 5m / 8m / 10m |
| USB | USB 3m / 5m / 10m |
| HDMI | HDMI 3m / 5m / 10m |

Packing List

| | |
|-----------|----------------------------|
| Terminals | 3pin spring clamp terminal |
|-----------|----------------------------|

Note: Package contents are subject to change without prior notice