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**Excellence · Innovation**

IDD21185  
IDD22185  
IDD24185



**Shanghai Panelmate Electronics Co., Ltd.**

18.5" WXGA Industrial Monitor

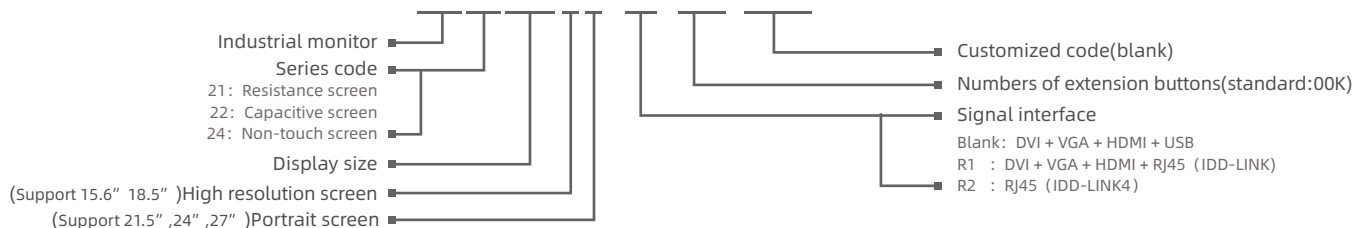


## Features

- 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

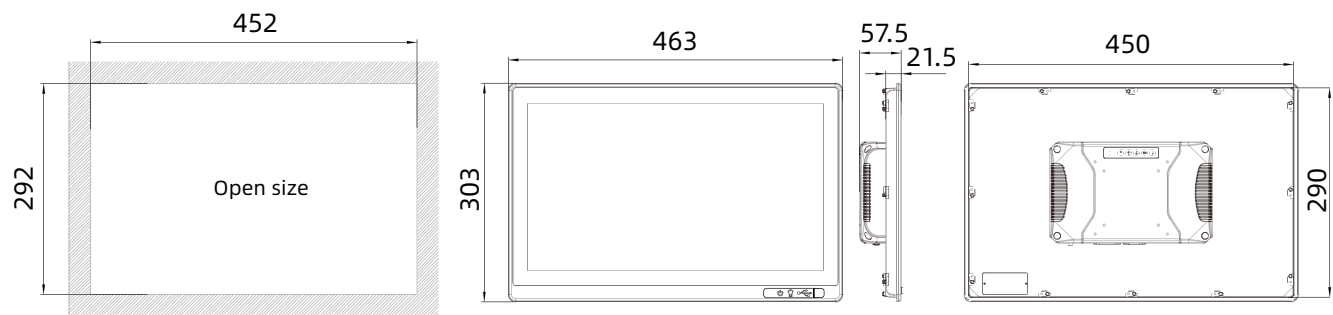
IDD2XXXXHP-R1-xxK-xxxx



## Specifications

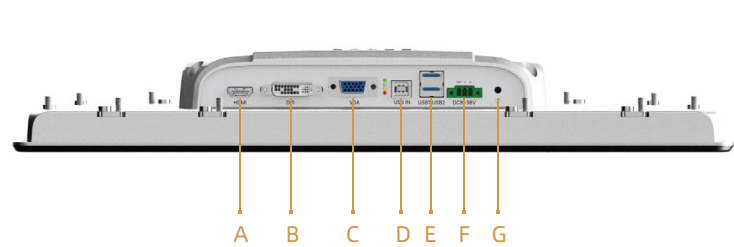
| Model       |                        | IDD21185&IDD22185&IDD24185                                                                   |
|-------------|------------------------|----------------------------------------------------------------------------------------------|
| Routine     | Control button         | Set contrast ratio and luminance via OSD at the back cover                                   |
|             | Housing                | Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection            |
|             | Amounting              | Embedded,Wall-mounted,VESA ,Desktop                                                          |
|             | Rear I/O               | VGA & DVI & HDMI & USB                                                                       |
| Power       | Input Voltage          | DC 12~36V                                                                                    |
|             | Power                  | 16W                                                                                          |
| Physical    | Dimension (WxHxD/mm)   | 463 x 303 x 57.5 ( 18.23" x 11.93" x 2.26")                                                  |
|             | Open Size (WxH/mm)     | 452 x 292 ( 17.80" x 11.50")                                                                 |
|             | Net Weight(kg)         | 4.5                                                                                          |
| LCD         | Display type           | 18.5" WXGA TFT                                                                               |
|             | Resolution             | 1366 x 768                                                                                   |
|             | Colors                 | 16.7M                                                                                        |
|             | Active Area (WxH/mm)   | 409.8mm x 230.4mm ( 16.13" x 9.07")                                                          |
|             | Backlight              | LED                                                                                          |
|             | MTBF(Hour)             | 30000hrs                                                                                     |
|             | Pixel Pitch ( HxV)     | 0.3 x 0.3                                                                                    |
|             | Luminance(cd/m2)       | 500                                                                                          |
|             | Contrast Ratio         | 1000:1                                                                                       |
|             | Viewing Angle          | (L)89 / (R)89 / (U)89 / (D)89                                                                |
| Touchscreen | Viewing Angle          | Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen   |
|             | Light Transmission     | >85%                                                                                         |
|             | Controller             | USB interface                                                                                |
|             | 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  | 0~50℃                                                                                        |
|             | Storage Temperature    | -20~60℃                                                                                      |
|             | 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                                                                   |

Technical Drawings unit:mm



Panel Cutout Dimensions: 452 x 292mm (17.80 x 11.50in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

| Part Number | Description                                                                    |
|-------------|--------------------------------------------------------------------------------|
| IDD21185    | 18.5" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1366X768  |
| IDD22185    | 18.5" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1366x768 |
| IDD24185    | 18.5" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1366x768        |

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