

Powerful. Beautiful.

**Excellence · Innovation**

IDD21122

IDD22122

IDD24122



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

12.2" WXGA Industrial Monitor

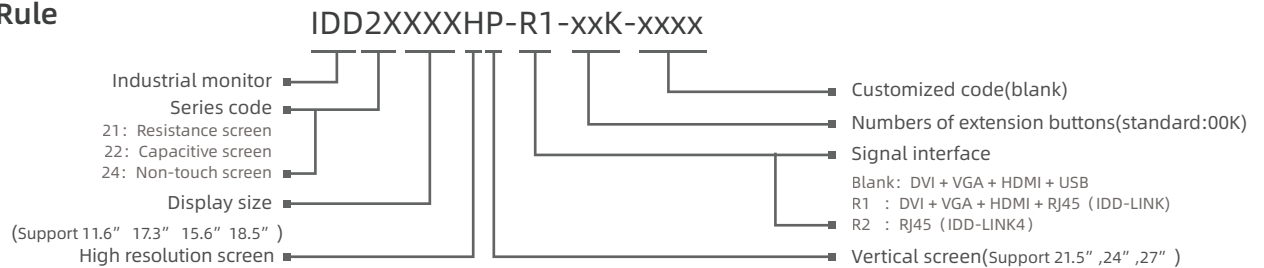
**PANELMATE**  
Creative HMI Solution



## 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

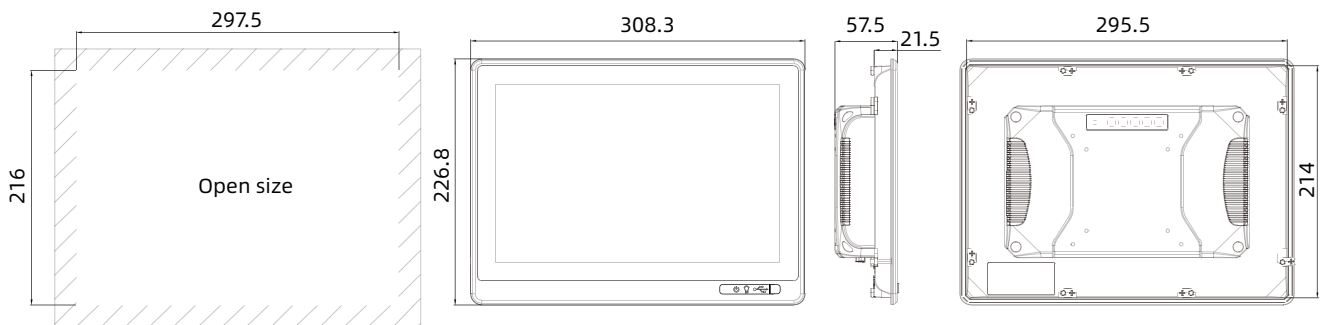
## Namely Rule



## Specifications

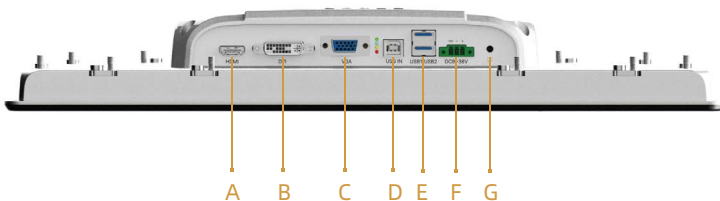
Model	IDD21122&IDD22122&IDD24122	
<b>Routine</b>	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
<b>Power</b>	Input Voltage	DC 12~36V
	Power	9W
<b>Physical</b>	Dimension (WxHxD/mm)	308.3 x 226.8 x 57.5 ( 12.14" x 8.93" x 2.26" )
	Open Size (WxH/mm)	297.5 x 216 ( 11.71" x 8.50" )
	Net Weight(kg)	3.25
<b>LCD</b>	Display type	12.2" WXGA TFT
	Resolution	1280 x 800
	Colors	16.7M
	Active Area (WxH/mm)	262 x 164 ( 10.31" x 6.46" )
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch ( HxV)	0.2052 x 0.2052
	Luminance(cd/m2)	450
	Contrast Ratio	1000:1
	Viewing Angle	(L)85 / (R)85 / (U)85 / (D)85
<b>Touchscreen</b>	Touch Type	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
<b>Environment</b>	Operating Temperature	-20 ~ 70°C
	Storage Temperature	-30 ~ 80°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

## Technical Drawings unit:mm



Panel Cutout Dimensions: 297 x 216mm (11.71 x 8.50in)

## 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
IDD21122	12.2" TFT LCD / Resistive touch screen / DC 12~36V Input / Resolution 1280x800
IDD22122	12.2" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1280x800
IDD24122	12.2" TFT LCD / Non-touch screen / DC 12~36V 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
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Note: Package contents are subject to change without prior notice