

Powerful. Beautiful.

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IDD21122-R2

IDD22122-R2

IDD24122-R2



Shanghai Panelmate Electronics Co., Ltd.

12.2" WXGA Industrial Monitor(with KVM IDD-LINK4)

PANELMATE
Creative HMI Solution

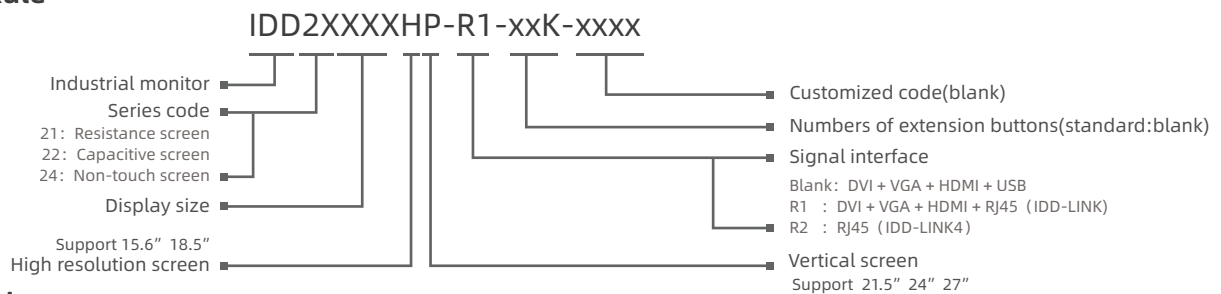
IDD21122-R2 & IDD22122-R2 & IDD24122-R2



Features

- Display type: 10.1", 10.4", 12.1", 12.2", 15", 15.6", 17", 18.5", 19", 21.5", 24", 27"
- Front panel/back cover: Aluminium-magnesium alloy
- Front panel/Rear: IP65 / IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win XP, Win7, Win10/Win11, Win CE, LINUX
- Interface: IDD-LINK4, USB
- DC 24V
- 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

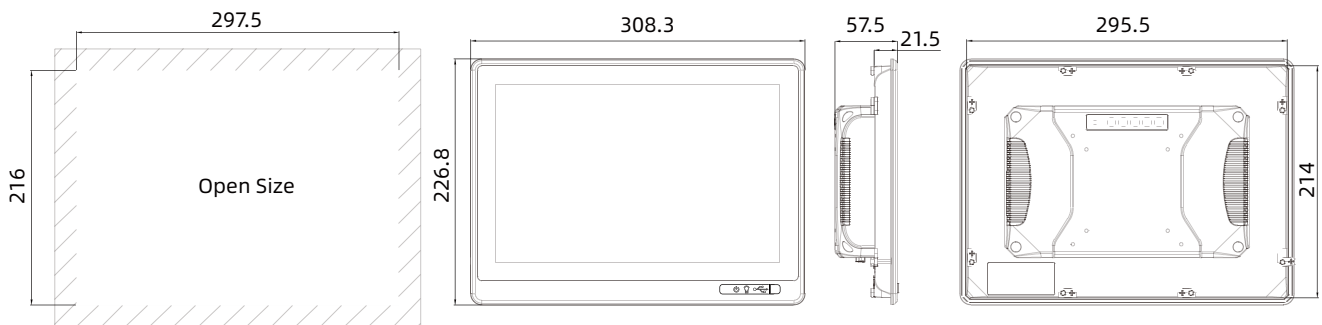
Namely Rule



Specifications

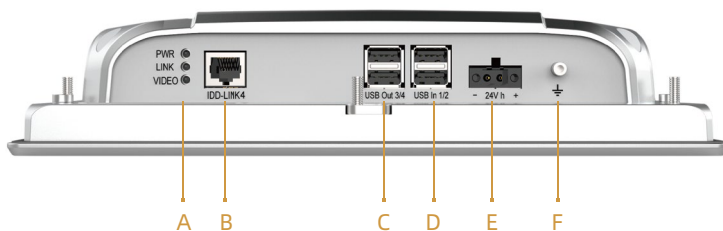
Model	IDD21122-R2&IDD22122-R2&IDD24122-R2	
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	IDD-LINK4
Power	Input Voltage	DC 24V
	Power	19W
Physical	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
LCD	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
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows XP, Windows 7, Windows 8, Windows 10/11, Linux, CE
	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 ~ 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: Indicator Light: Power/LINK/Video
- B: IDD-LINK4
- C: USB output
- D: USB input
- E: DC 24V
- F: GND

Ordering Information

Part Number	Description
IDD21122-R2	12.2" TFT LCD / Resistive touch screen / DC24V Input / Resolution 1280x800
IDD22122-R2	12.2" TFT LCD / Capacitive touch screen / DC24V Input/ Resolution 1280x800
IDD24122-R2	12.2" TFT LCD / Non-touch screen / DC24V Input/ Resolution 1280x800

Optional Accessories

Network cable	5m / 10m / 15m / 20m
DVI	1.5m / 2m / 3m / 5m
USB	1.5m / 2m / 3m / 5m
DP to DVI	1m / 1.5m / 2m / 3m / 5m
HDMI to DVI	1m / 1.5m / 2m / 3m / 5m

Packing List

Terminal	2 pin spring clamp terminal
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Note: Package contents are subject to change without prior notice