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IDD21150

IDD22150

IDD24150



Shanghai Panelmate Electronics Co., Ltd.

15" XGA Industrial Monitor

PANELMATE
Creative HMI Solution



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: DVI, HDMI, VGA video interface, 2xUSB
- DC 9~36V wide volts range
- 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

- Industrial monitor
- Series code
- 21: Resistance screen
- 22: Capacitive screen
- 24: Non-touch screen

Display size

(Support 15.6" 18.5")High resolution screen

(Support 21.5" ,24" ,27")Vertical screen

Customized code(blank)

Numbers of extension buttons(standard:00K)

Signal interface

Blank: DVI + VGA + HDMI + USB

R1 : DVI + VGA + HDMI + RJ45 (IDD-LINK)

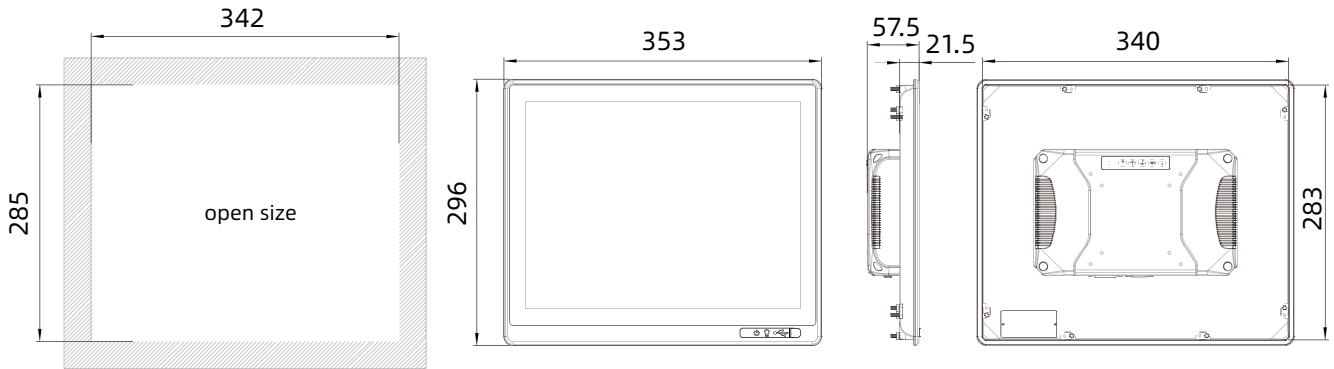
R2 : RJ45 (IDD-LINK4)

Specifications

Model	IDD21150&IDD22150&IDD24150	
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	11W
Physical	Dimension (WxHxD/mm)	353 x 296 x 57.5 (13.90" x 11.65" x 2.26")
	Open Size (WxH/mm)	342 x 285 (13.46" x 11.22")
	Net Weight(kg)	3.7
LCD	Display type	15" XGA TFT
	Resolution	1024 x 768
	Colors	16.7M
	Active Area (WxH/mm)	304.1 x 228.1 (11.97" x 8.98")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.297 x 0.297
	Luminance(cd/m2)	420
	Contrast Ratio	800:1
	Viewing Angle	(L)80 / (R)80 / (U)80 / (D)80
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 (-4 ~ 158°F)
	Storage Temperature	-30 ~ 80°C (-22 ~ 176°F)
	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

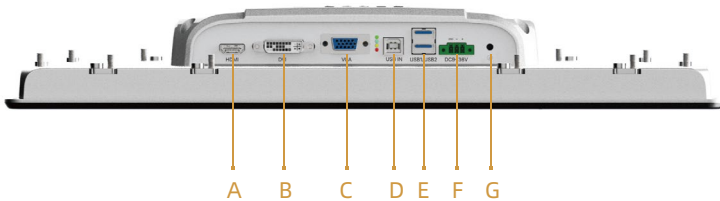
IDD21150 & IDD22150 & IDD24150

Technical Drawings unit:mm



Panel Cutout Dimensions: 342 x 285mm (13.46 x 11.22in)

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
IDD21150	15" TFT LCD / Resistive touch screen / DC9~36V Input / Resolution 1024x768
IDD22150	15" TFT LCD / Capacitive touch screen / DC9~36V Input / Resolution 1024x768
IDD24150	15" TFT LCD / Non-touch screen / DC9~36V Input / Resolution 1024x768

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