

Powerful. Beautiful.
Excellence · Innovation

IDD21156
IDD22156
IDD24156



Shanghai Panelmate Electronics Co., Ltd.

15.6" WXGA Industrial Monitor

IDD21156 & IDD22156 & IDD24156



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

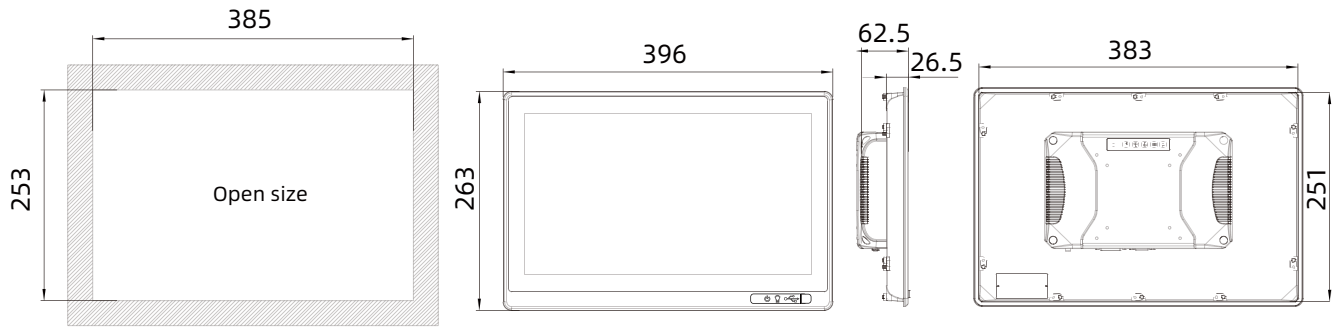
- Industrial monitor
- Series code
- 21: Resistance screen
- 22: Capacitive screen
- 24: Non-touch screen
- Display size
- (Support 15.6" 18.5")High resolution screen
- (Support 21.5" ,24" ,27")Vertical screen

- 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

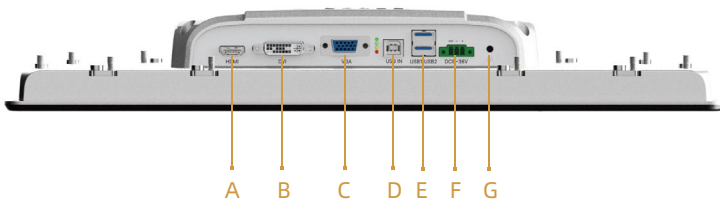
Model	IDD21156&IDD22156&IDD24156	
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-amouted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 9~36V
	Power	18W
Physical	Dimension (WxHxD/mm)	396 x 263 x 62.5 (15.59" x 10.35" x 2.46")
	Open Size (WxH/mm)	385 x 253 (15.16" x 9.96")
	Net Weight(kg)	3.95
LCD	Display type	15.6" WXGA TFT
	Resolution	1366 x 768
	Colors	16.7M
	Active Area (WxH/mm)	344.23 x 193.54 (13.55"x 7.62")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.252 x 0.252
	Luminance(cd/m2)	300
	Contrast Ratio	3000:1
	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	0 ~ 60°C
	Storage Temperature	-20 ~ 60°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: 385 x 253mm (15.16 x 9.96in)

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
IDD21156	15.6" TFT LCD / Resistive touch screen / DC9~36V Input / Resolution 1366x768
IDD22156	15.6" TFT LCD / Capacitive touch screen / DC9~36V Input / Resolution 1366x768
IDD24156	15.6" TFT LCD / Non-touch screen / DC9~36V 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
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Note: Package contents are subject to change without prior notice