

Powerful. Beautiful.
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IDD21156H
IDD22156H
IDD24156H



Shanghai Panelmate Electronics Co., Ltd.

15.6" FHD Industrial Monitor(High resolution screen)

IDD21156H & IDD22156H & IDD24156H



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

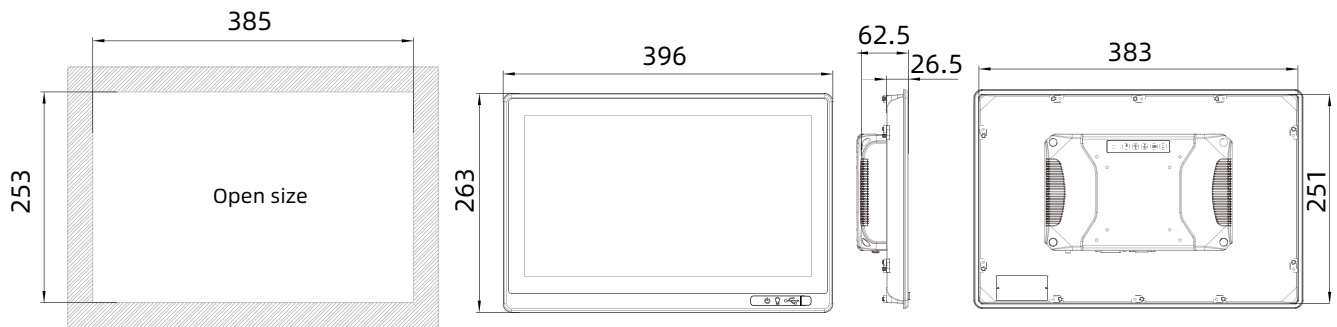
- Industrial monitor
- Series code
- 21: Resistance screen
- 22: Capacitive screen
- 24: Non-touch screen
- Display size
- (Support 15.6" 18.5")High resolution screen
- (Support 21.5" ,24" ,27")Portrait screen

- 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

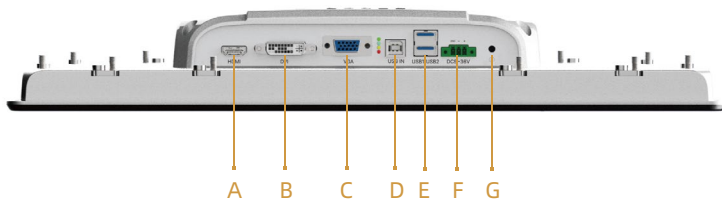
Model	IDD21156H&IDD22156H&IDD24156H	
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	8W
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" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	344.232mm x 193.536mm (13.55"x 7.62")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.252 x 0.252
	Luminance(cd/m2)	250
	Contrast Ratio	3000:1
Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89	
Touchscreen	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
Environment	Operating Temperature	0 ~ 50°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 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21156H	15.6" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1920x1080
IDD22156H	15.6" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1920x1080
IDD24156H	15.6" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1920x1080

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