

Powerful. Beautiful.

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IDD21185H

IDD22185H

IDD24185H



Shanghai Panelmate Electronics Co., Ltd.

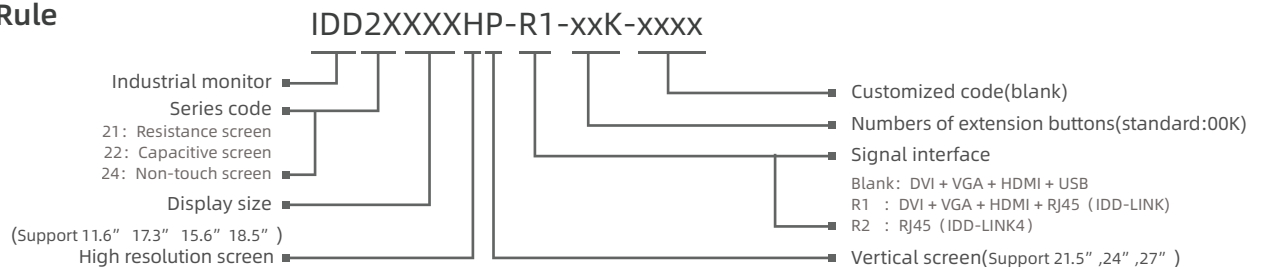
18.5" FHD Industrial Monitor(High resolution screen)



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

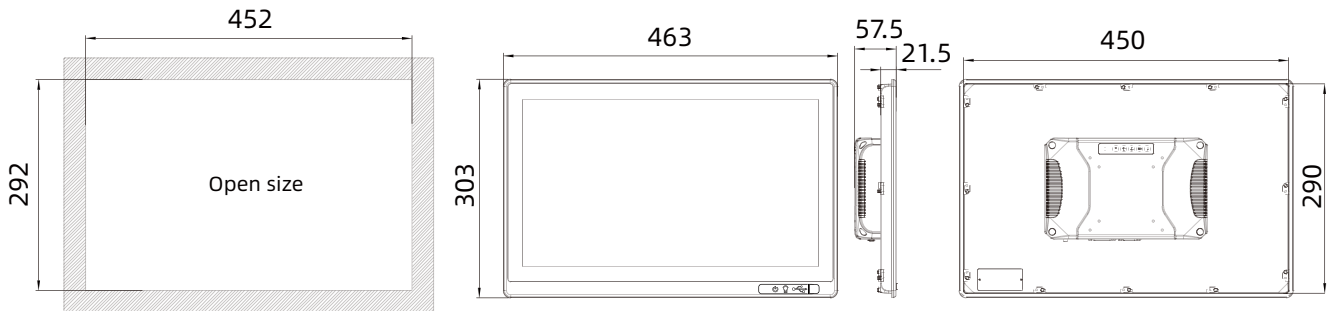
Namely Rule



Specifications

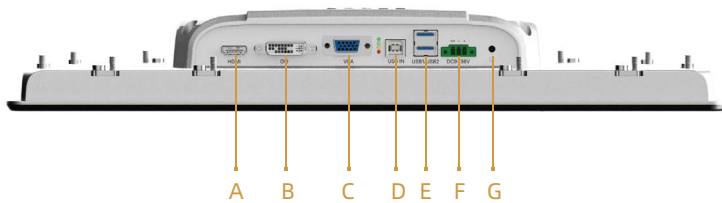
Model	IDD21185H&IDD22185H&IDD24185H	
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	15W
Physical	Dimension (WxHxD/mm)	463 x 303 x 57.5 (18.23" x 11.93" x 2.26")
	Open Size (WxH/mm)	452 x 292 (17.80" x 11.50")
	Net Weight(kg)	4.5
LCD	Display type	18.5" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	408.96 x 230.4 (16.10" x 9.07")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.213 x 0.213
	Luminance(cd/m2)	350
	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	-30~80°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: 452 x 292mm (17.80 x 11.50in)

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
IDD21185H	18.5" TFT LCD / Resistive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD22185H	18.5" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD24185H	18.5" TFT LCD / Non-touch screen / DC 12~36V 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