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IDD21185H-R2

IDD22185H-R2

IDD24185H-R2

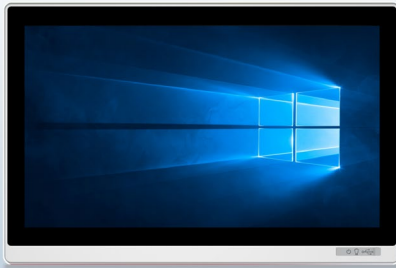


Shanghai Panelmate Electronics Co., Ltd.

18.5" FHD Industrial Monitor(with KVM IDD-LINK4)

PANELMATE
Creative HMI Solution

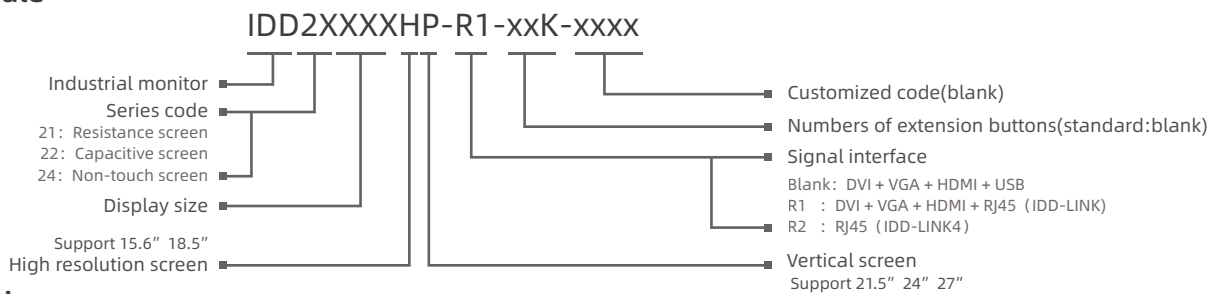
IDD21185H-R2 & IDD22185H-R2 & IDD24185H-R2



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: Multi-point capacitive touchscreen, Non-touch screen
- OS: Win XP, Win7, Win10/Win11, Win CE, LINUX
- Video and touch signals can use the IDD-LINK4 interface simultaneously or using HDMI and USB signals separately
notice: both cannot be used simultaneously
- 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

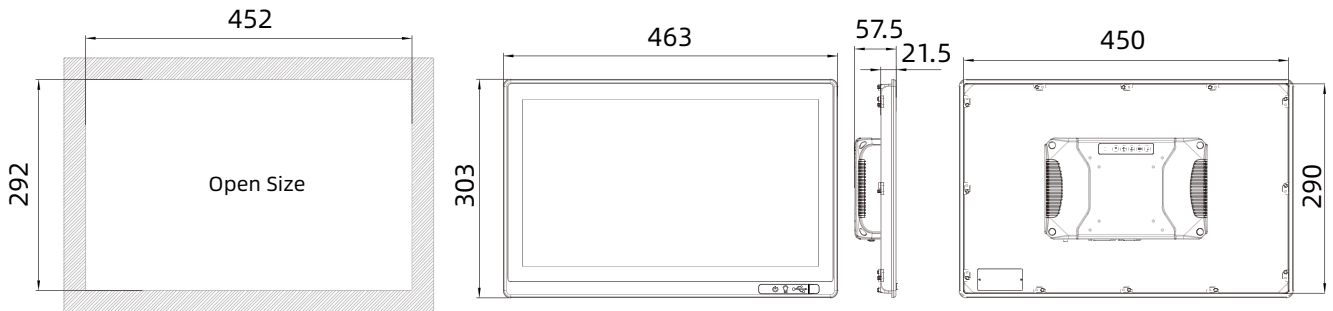
Namely Rule



Specifications

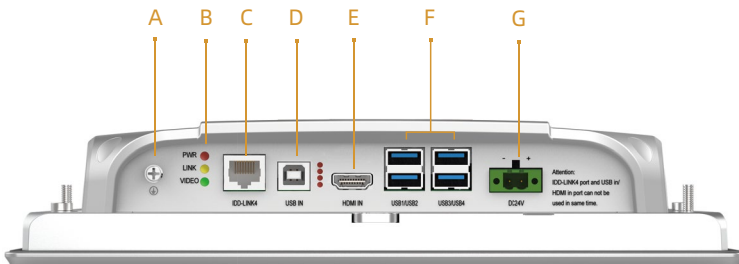
Model	IDD21185H-R2&IDD22185H-R2&IDD24185H-R2	
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	IDD-LINK4(or HDMI interface) notice:both cannot be used simultaneously
Power	Input Voltage	DC 24V
	Power	25W
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)	4.5kg
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)	250
	Contrast Ratio	1000:1
	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	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	-20~80°C
	Storage Temperature	-20~80°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



***Notice: The ports of IDD-LINK4 and USB input/HDMI cannot be used simultaneously.**

Interface definition:

- A: GND
- B: Indicator Light: PWR/LINK/VIDEO
- C: IDD-LINK4
- D: USB input
- E: HDMI
- F: USB output
- G: DC 24V

Ordering Information

Part Number	Description
IDD21185H-R2	18.5" TFT LCD / Resistive touch screen / DC24V Input / Resolution 1920x1080
IDD22185H-R2	18.5" TFT LCD / Capacitive touch screen / DC24V Input/ Resolution 1920x1080
IDD24185H-R2	18.5" TFT LCD / Non-touch screen / DC24V Input/ Resolution 1920x1080

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