

Powerful. Beautiful.

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IDD21185-R2

IDD22185-R2

IDD24185-R2

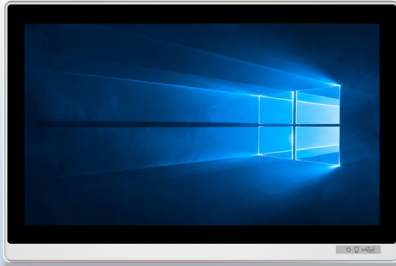


**Shanghai Panelmate Electronics Co., Ltd.**

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

**PANELMATE**  
Creative HMI Solution

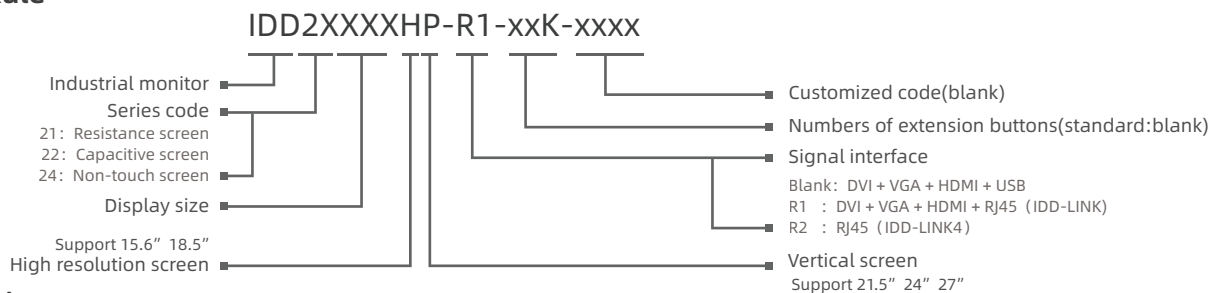
# IDD21185-R2 & IDD22185-R2 & IDD24185-R2



## 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: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win XP, Win7, Win10/Win11, Win CE, LINUX
- Interface: IDD-LINK4, USB
- 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

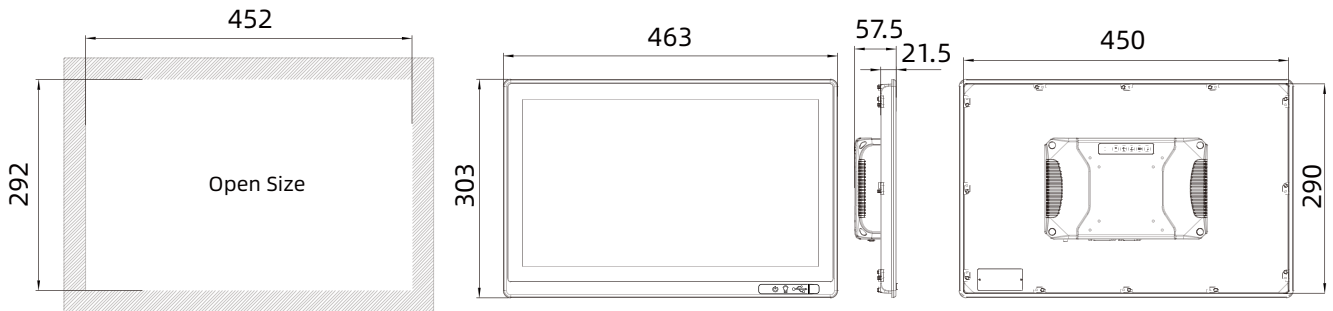


## Specifications

Model	IDD21185-R2&IDD22185-R2&IDD24185-R2	
<b>Routine</b>	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
<b>Power</b>	Input Voltage	DC 24V
	Power	26W
<b>Physical</b>	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
<b>LCD</b>	Display type	18.5" WXGA TFT
	Resolution	1366 x 768
	Colors	16.7M
	Active Area (WxH/mm)	409.8 x 230.4 ( 16.13" x 9.07")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.3 x 0.3
	Luminance(cd/m2)	250
	Contrast Ratio	1000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
<b>Touchscreen</b>	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
<b>Environment</b>	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

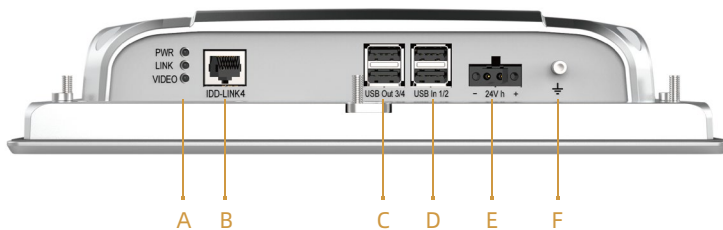
# IDD21185-R2 & IDD22185-R2 & IDD24185-R2

## Technical Drawings unit: mm



Panel Cutout Dimensions: 452 x 292mm (17.80 x 11.50in)

## External I/O View



### Interface definition:

- A: Indicator Light: Power/LINK/Video
- B: IDD-LINK4
- C: USB output
- D: USB input
- E: DC 24V
- F: GND

## Ordering Information

Part Number	Description
IDD21185-R2	18.5" TFT LCD / Resistive touch screen / DC24V Input / Resolution 1366X768
IDD22185-R2	18.5" TFT LCD / Capacitive touch screen / DC24V Input/ Resolution 1366x768
IDD24185-R2	18.5" TFT LCD / Non-touch screen / DC24V Input/ Resolution 1366x768

## 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