

Powerful. Beautiful.  
**Excellence · Innovation**

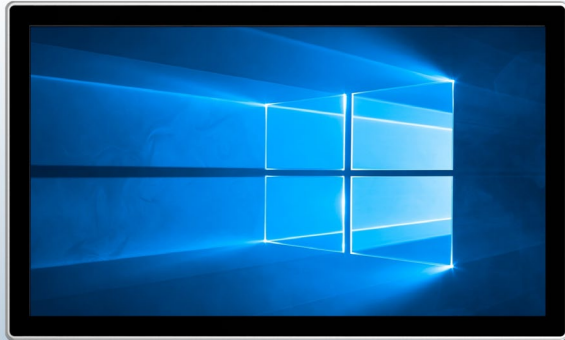
IDD22270 (P)  
IDD24270 (P)



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

27" FHD Industrial Monitor(vertical Screen)

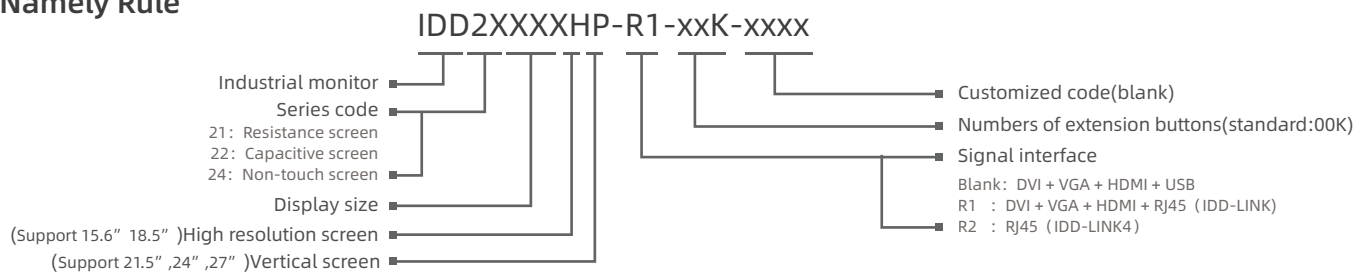
# IDD22270 (P) & IDD24270 (P)



## 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 and magnesium alloy
- Front panel/Rear: IP65 / IP20
- Screen Type: Multi-point capacitive touch screen or 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

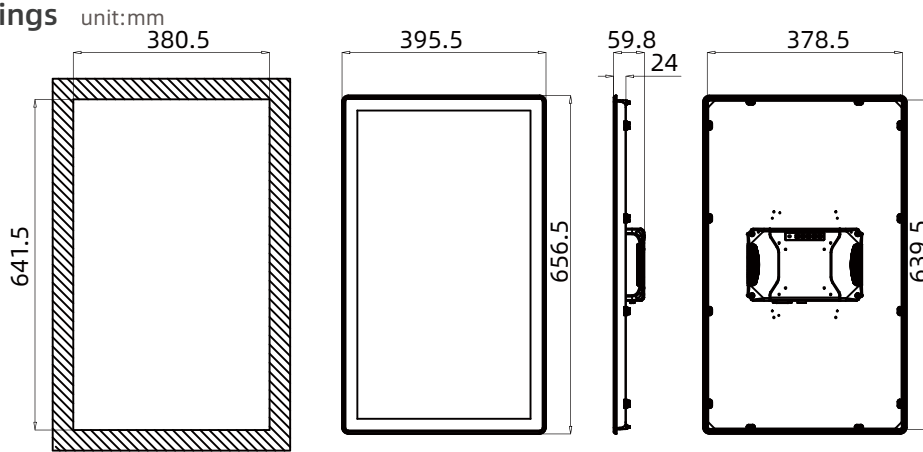


## Specifications

Model	IDD22270 (P) &IDD24270 (P)	
<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	VGA & DVI & HDMI & USB
<b>Power</b>	Input Voltage	DC 9~36V
	Power	36W
<b>Physical</b>	Dimension (WxHxD/mm)	395.5 x 656.5 x 59.8( 15.57" x 25.85"x 2.35")
	Open Size (WxH/mm)	380.5 x 641.5(14.98" x 25.26")
	Net Weight(kg)	8.25
<b>LCD</b>	Display type	27" FHD TFT
	Resolution	1920x1080
	Colors	16.7M
	Active Area (WxH/mm)	336 x 598(13.23" x 23.54")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.24825x0.24825
	Luminance(cd/m2)	250
	Contrast Ratio	3000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
<b>Touchscreen</b>	Touch Type	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

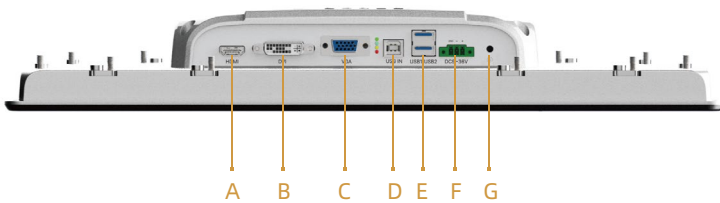
# IDD22270 (P) & IDD24270 (P)

## Technical Drawings



Panel Cutout Dimensions: 380.5 x 641.5mm (14.98 x 25.26in)

## 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
IDD22270 (P)	27" TFT LCD / Capacitive touch screen / DC 9~36V Input / Resolution 1920x1080
IDD24270 (P)	27" TFT LCD / Non-touch screen / DC 9~36V 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

Terminal	3 pin spring clamp terminal
----------	-----------------------------

Note: Package contents are subject to change without prior notice