

Powerful. Beautiful.
Excellence · Innovation

IDD21170
IDD22170
IDD24170



Shanghai Panelmate Electronics Co., Ltd.

17" SXGA Industrial Monitor

PANELMATE
Creative HMI Solution



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: 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

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")Vertical screen

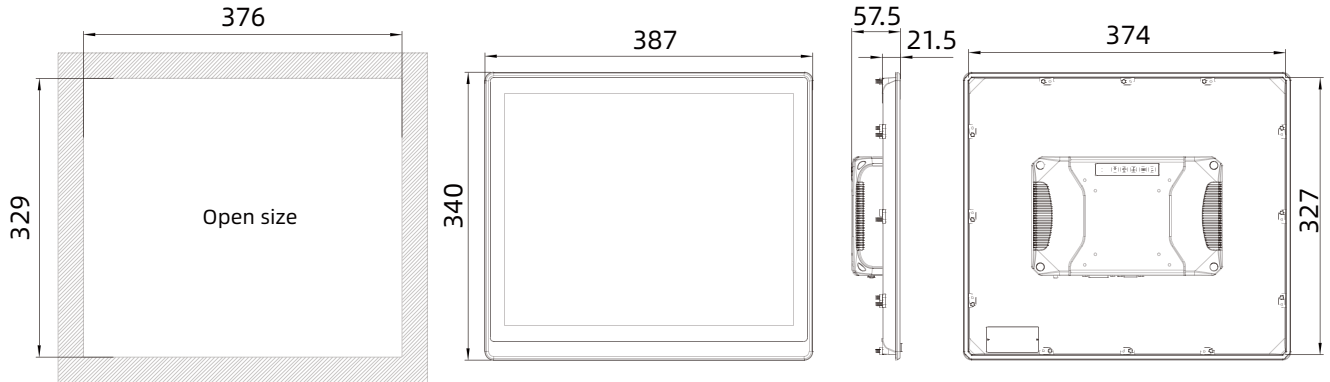
- Customized code(blank)
- Numbers of extension buttons(standard:00K)
- Signal interface
- Blank: DVI + VGA + HDMI + USB
- R1 : DVI + VGA + HDMI + RJ45 (IDD-LINK)
- R2 : RJ45 (IDD-LINK4)

Specifications

Model	IDD21170&IDD22170&IDD24170	
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 9~36V
	Power	12W
Physical	Dimension (WxHxD/mm)	387 x 340 x 57.5 (15.24" x 13.39" x 2.26")
	Open Size (WxH/mm)	376 x 329 (14.80" x 12.95")
	Net Weight(kg)	4.35
LCD	Display type	17" SXGA TFT
	Resolution	1280 x 1024
	Colors	16.7M
	Active Area (WxH/mm)	337.92mm x 270.34mm (13.30" x 10.64")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.264 x 0.264
	Luminance(cd/m2)	250
	Contrast Ratio	1000:1
	Viewing Angle	(L)88 / (R)88 / (U)85 / (D)85
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touchscreen
	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	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

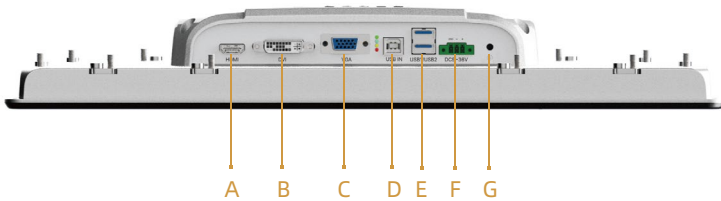
IDD21170 & IDD22170 & IDD24170

Technical Drawings unit:mm



Panel Cutout Dimensions: 376 x 329mm (14.80 x 12.95in)

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
IDD21170	17" TFT LCD / Resistive touch screen / DC9~36V Input / Resolution 1280x1024
IDD22170	17" TFT LCD / Capacitive touch screen / DC9~36V Input / Resolution 1280x1024
IDD24170	17" TFT LCD / Non-touch screen / DC9~36V Input / Resolution 1280x1024

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