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IDD57190

IDD58190

IDD59190



*front-screen button: the right side, widescreen button: the lower side

Shanghai Panelmate Electronics Co., Ltd.

19" SXGA Industrial Arm-Mounted Operation Panel

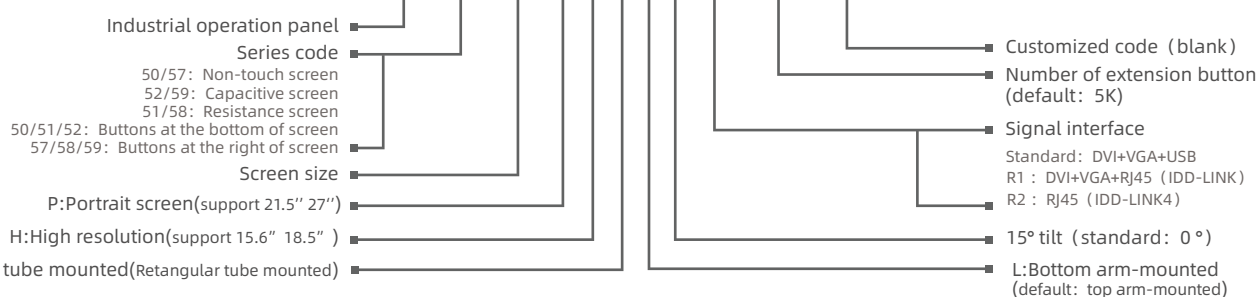


Features

- Display type: 15", 15.6", 18.5", 19", 21.5", 24", 27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP protection level: IP65
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Windows7, Window8, Windows10, Windows11, Linux, etc
- Interface: DVI, HDMI, VGA, 2xUSB
- Optional R1(IDD-LINK), Long distance USB signal output, support 50m
- Optional R2(IDD-LINK4), Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m
- DC 12~36V

Namely Rule

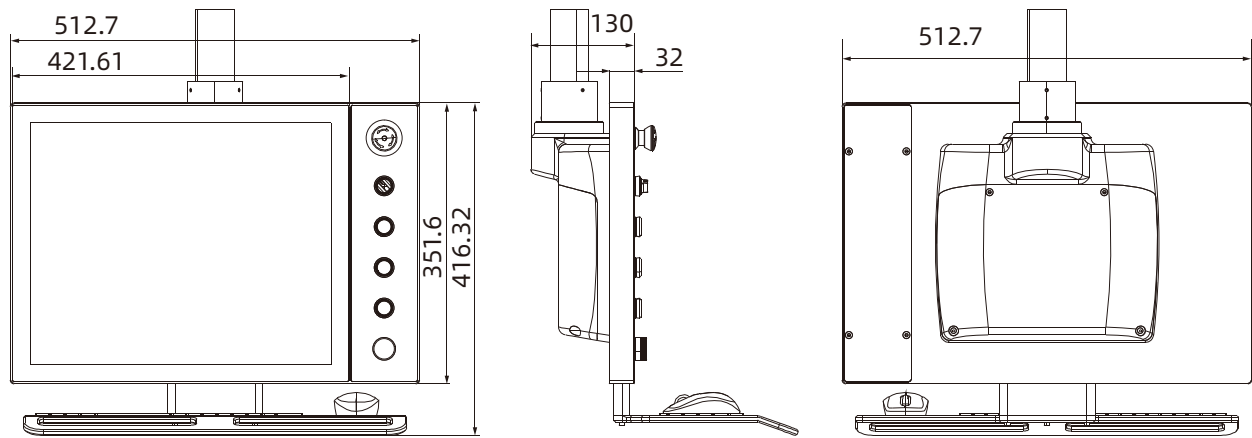
IDD 5X XXX P H Y L X-R1-xxK-xxxx



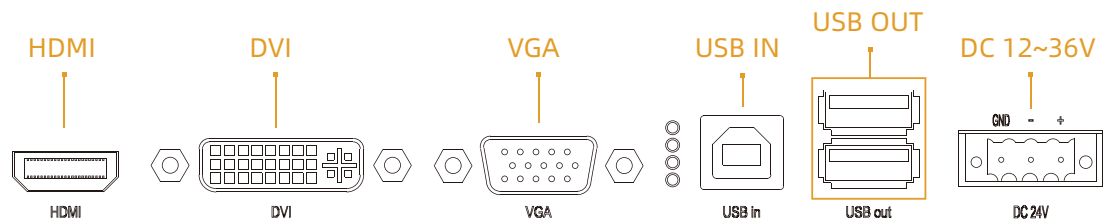
Specifications

Model		IDD57190&IDD58190&IDD59190
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
Power	Input Voltage	DC 12~36V
	Power	14 W
Physical	Display Port	HDMI
	Dimension (WxHxD)	(without keyboard bracket) 512.7mm x 351.6mm x 130mm (20.19" x 13.84" x 5.12")
	Net Weight(kg)	(without keyboard bracket) 9.95kg
	Mounted	6085、4460 or 48 arm-mounted
LCD	Display Type	19" SXGA TFT
	Resolution	1280x1024
	Colors	16.7M
	Active Area (WxH/mm)	376.32mmx301.06mm (14.82"x11.85")
	Backlight	LED
	MTBF (hour)	30000hrs
	Pixel Pitch (HxV)	0.294x0.294
	Luminance(cd/m2)	250cd/m2
	Contrast Ratio	1000:1
	Viewing Angle	(L) 85/ (R) 85/ (U) 80/ (D) 80
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	0~50℃
	Storage Temperature	-20~60℃
	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
	Protection level	IP65

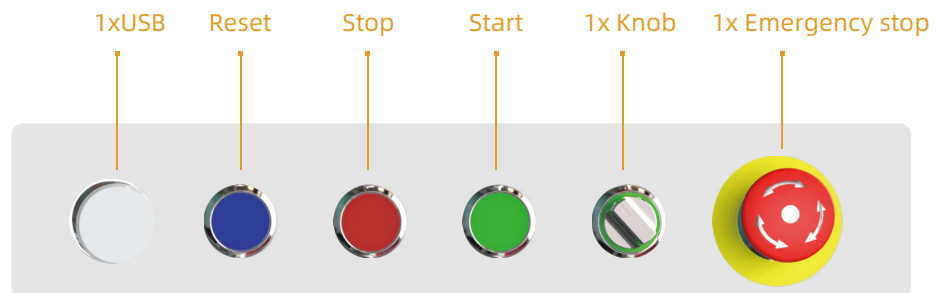
Technical Drawings unit: mm



External I/O View



Blue-NC-A	29	Blue-NC-B	30
Blue-LED-24V	27	Blue-LED-0V	28
Blue-NO-A	25	Blue-NO-B	26
Red-NC-A	23	Red-NC-B	24
Red-LED-24V	21	Red-LED-0V	22
Red-NO-A	19	Red-NO-B	20
Green-NC-A	17	Green-NC-B	18
Green-LED-24V	15	Green-LED-0V	16
Green-NO-A	13	Green-NO-B	14
Selector-NC-A	11	Selector-NC-B	12
Selector-LED-24V	9	Selector-LED-0V	10
Selector-NO-A	7	Selector-NO-B	8
Emg Stop-NC-B	5	Emg Stop-NC-B	6
Blank	3	Blank	4
Emg Stop-NC-A	1	Emg Stop-NC-A	2



Note: The figure above shows the number of standard buttons. The number and brand of buttons can be customized.

Ordering Information

Part Number	Description
IDD58190-5K	19" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1280x1024
IDD59190-5K	19" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1280x1024
IDD57190-5K	19" TFT LCD / Non-touch screen / DC12~36V 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

Terminal	3 pin spring card terminal
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Note: Package contents are subject to change without prior notice