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IDD50185(H)

IDD51185(H)

IDD52185(H)



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

Shanghai Panelmate Electronics Co., Ltd.

18.5" WXGA/FHD Industrial Arm-Mounted Operation Panel

IDD50185(H) & IDD51185(H) & IDD52185(H)

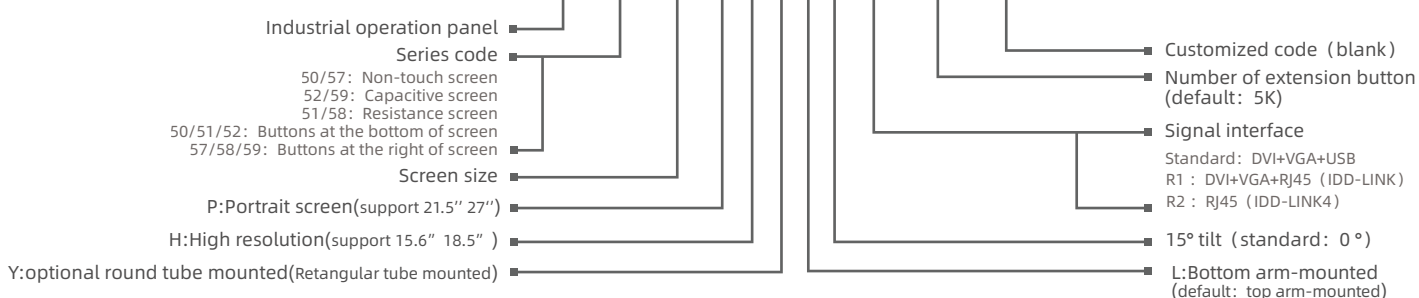


Features

- 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

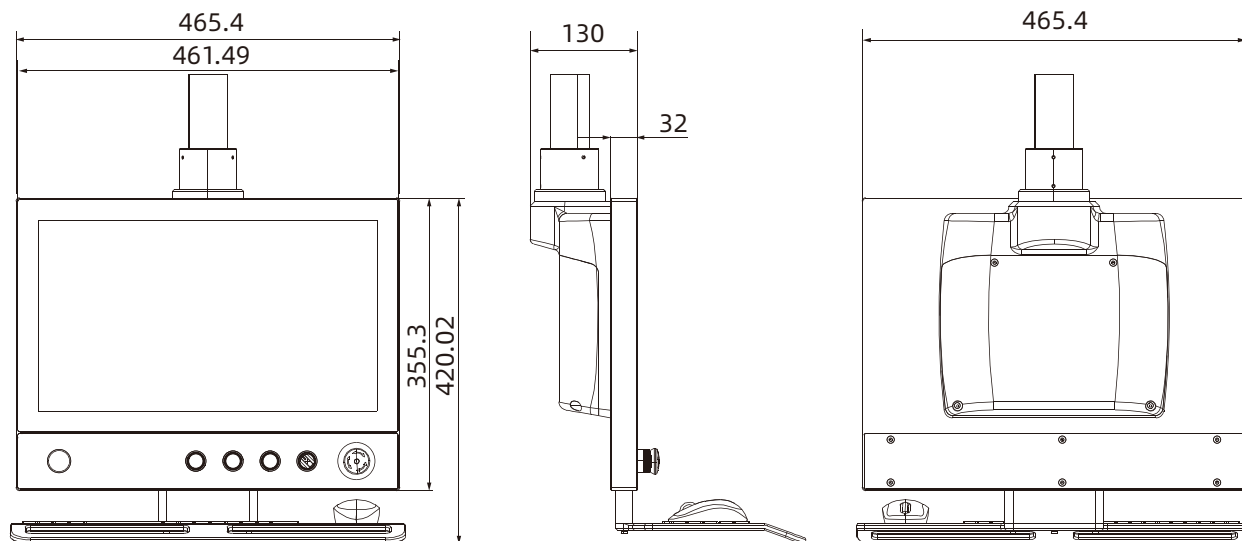


Specifications

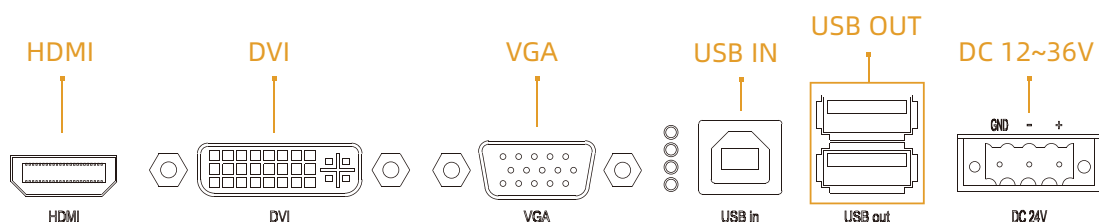
Model		IDD50185&IDD51185&IDD52185	IDD50185H & IDD51185H & IDD52185H
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover	
	Housing	Front panel & back cover: Aluminium-magnesium alloy, Grounding isolation protection	
Power	Input Voltage	DC 12~36V	
	Power	41W	25W
Physical	Display Port	HDMI	
	Dimension (WxHxD)	(Keyboard bay not included) 465.4mm x 355.3mm x 130mm (18.32" x 13.99" x 5.12")	
	Net Weight(kg)	(Keyboard bay not included) 12.5kg	
	Mounted	6085, 4460 or 48 arm-mounted	
LCD	Display Type	18.5" WXGA TFT	18.5" FHD TFT
	Resolution	1366x768	1920 x 1080
	Colors	16.7M	
	Active Area (WxH/mm)	409.8mmx230.4mm (16.13"x9.07")	
	Backlight	LED	
	MTBF (hour)	30000hrs	50000hrs
	Pixel Pitch (HxV)	0.3x0.3	
	Luminance(cd/m2)	500cd/m2	250cd/m2
	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	Windows7, WSE7, Windows 10, Vxworks, Linux	
	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	IP65	

IDD50185(H) & IDD51185(H) & IDD52185(H)

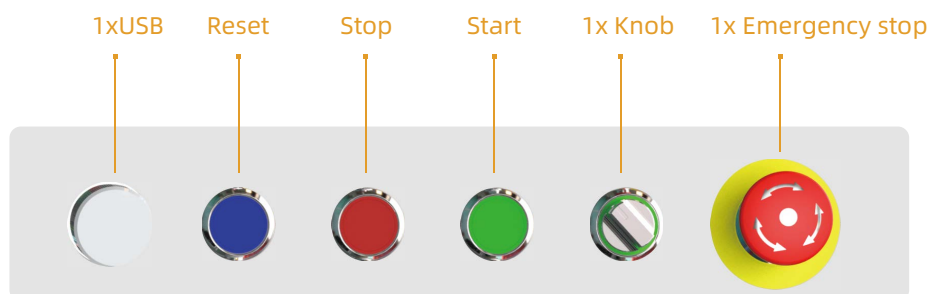
Technical Drawings unit: mm



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
IDD50185	18.5" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1366x768
IDD51185	18.5" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1366x768
IDD52185	18.5" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1366x768
IDD50185H	18.5" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1920 x 1080
IDD51185H	18.5" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1920 x 1080
IDD52185H	18.5" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1920 x 1080

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