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Panel 6000-15E

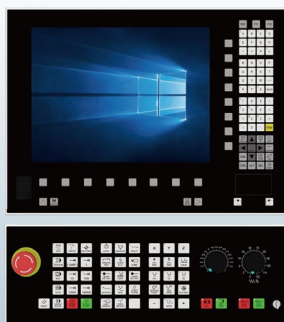
Panel 6100-15E



Shanghai Panelmate Electronics co., Ltd.

Integrated Control Panel

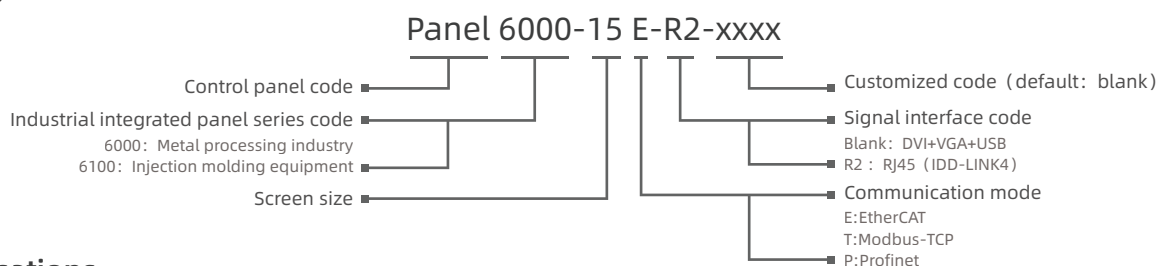
Panel 6000-15E & Panel 6100-15E



Features

- Dedicated integrated control panel for different industries, screen size: 15"
- Optional Panel21XXX series key control panel, easy to operate complete solution
- Aluminum-magnesium alloy panel, sheet metal back cover
- IP protection level: Front panel IP65, rear IP20
- Resistive touch
- Support Win7, Win8, Win10, Win11, Linux and other operating systems
- Includes DVI,VGA and other video ports, 2 USB expansion ports
- DC 24V power supply
- Optional R2(IDD-LINK4) video and USB transmission via a single CAT6 cable
- Can be customized according to customer requirements, including special bus requirements

Namely Rule

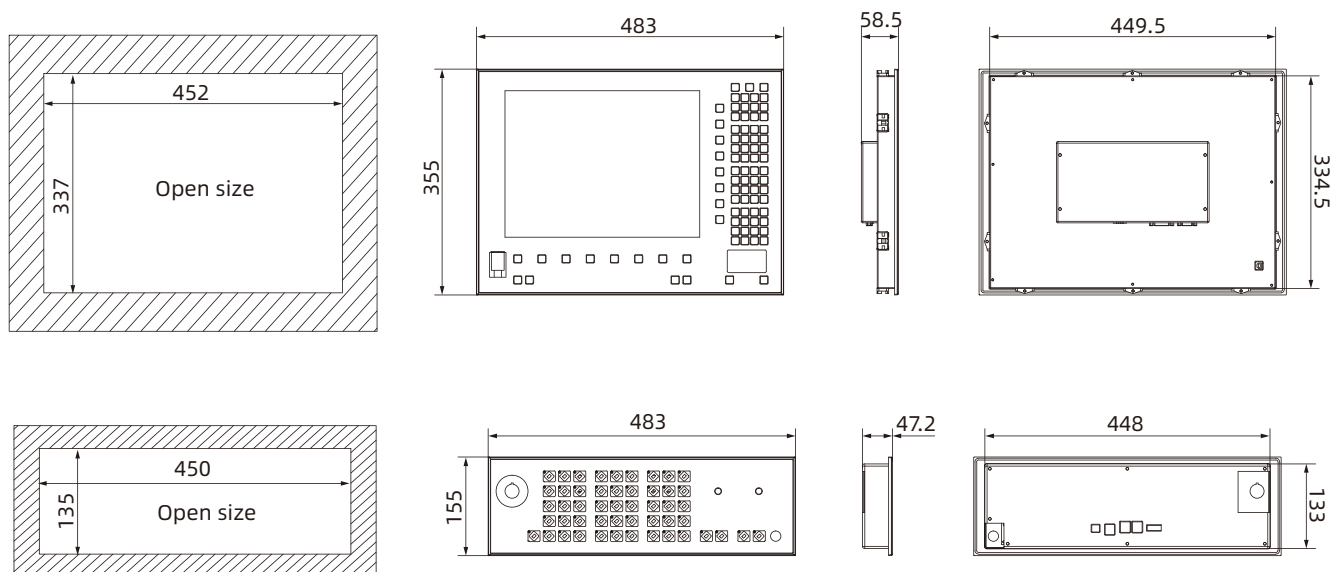


Specifications

Model	Panel 6000-15E & Panel 6100-15E	
Routine	Display size	15"
	Housing	Front panel & back cover:Aluminium-magnesium alloy & Sheet metal
Power	Input Voltage	DC 24V
	Power	20W
Physical	Video port	DVI/VGA
	Dimension (WxHxD/mm)	Screen: 483mm x 355mm x 58.5mm (19.02" x 13.98" x 2.30") CNC Control panel: 483mm x 155mm x 47.2mm (19.02" x 6.01" x 1.86")
	Open Size (WxH/mm)	Screen: 452mm x 337mm (17.80" x 12.27") CNC Control panel: 450mm x 135mm (17.72" x 5.31")
	Mounting	Embedded
	Touchscreen	Yes
	Key numbers	85
	Front USB	1
	Bus mode	Display key panel: USB, key panel: USB、EtherCAT
LCD	Display type	15" XGA TFT
	Resolution	1024x768
	Colors	16.7M
	Active Area (WxH/mm)	304.1mm x 228.1mm (11.97" x 8.98")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.297 x 0.297
	Luminance(cd/m2)	350cd/m2
	Contrast Ratio	800: 1
	Viewing Angle	(L)80 / (R)80 / (U)80 / (D)80
Touchscreen	Touch Type	Single point resistive touchscreen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;
Environment	Operating Temperature	-10~60°C
	Storage Temperature	-20~70°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

Panel 6000-15E & Panel 6100-15E

Technical Drawings unit: mm

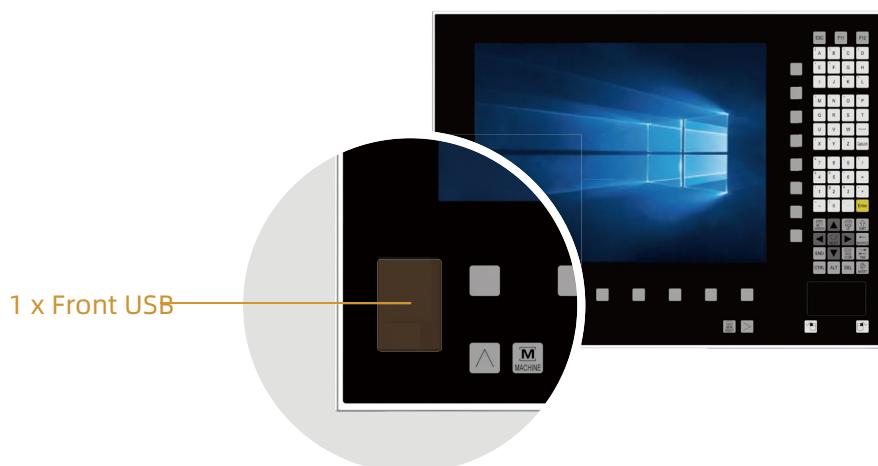
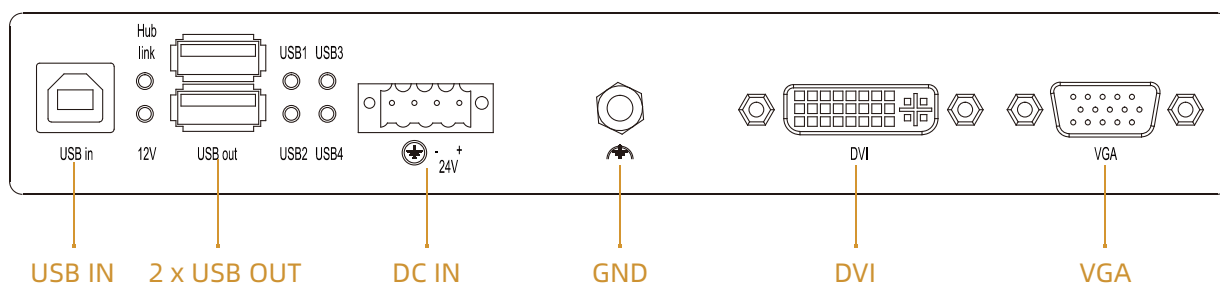


Panel Cutout Dimensions: 452mm x 337mm (17.80 x 12.27in)

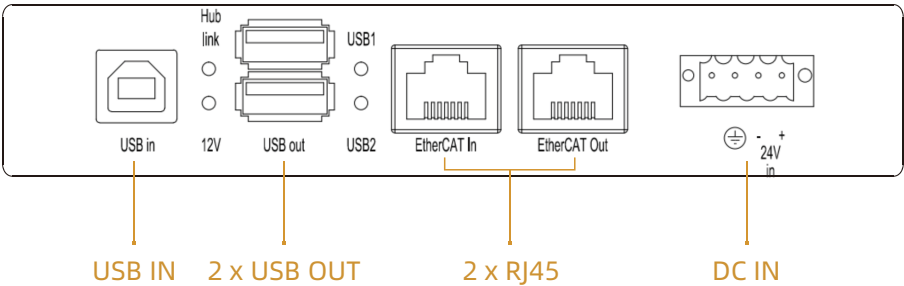
Key Panel Cutout Dimensions: 450mm x 135mm (17.72 x 5.31in)

External I/O View

① Display interface:



② Key panel interface:



Ordering Information

Part Number	Description
Panel 6000-15E	15 TFT LCD Resistive touch display / 85 bus keys / DC 24V input/Resolution 1024x768

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m

Packing List

Terminal	2 x 4Pin Phoenix terminal
Clasp	10 x Clasps Display panel
	7 x Clasps Key panel

Note: Package contents are subject to change without prior notice