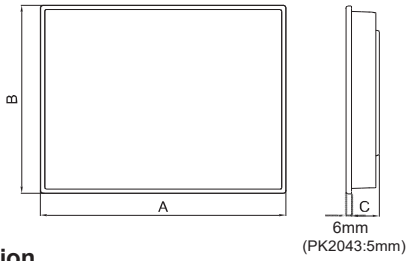
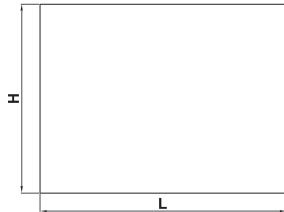


### PK2 Ethernet Series HMI Panels

#### Outlet Dimension



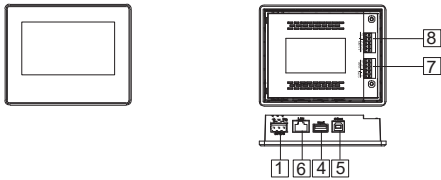
#### Cut Out Dimension



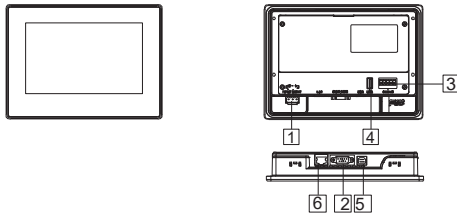
Model	A	B	C*	L	H
PK2043	129mm/5.08"	103mm/4.06"	33mm/1.30"	118.5mm/4.67"	92.5mm/3.64"
PK2070	203.5mm/8.01"	148.5mm/5.85"	37mm/1.46"	191.5mm/7.54"	138mm/5.43"
PK2080	233mm/9.17"	176mm/6.93"	42.2mm/1.66"	221mm/8.70"	163.5mm/6.44"
PK2100 / PK2104	270.8mm/10.66"	212.8mm/8.38"	42.5mm/1.67"	259mm/10.2"	201mm/7.91"
PK2120 / PK2121	335.4mm/13.20"	245.9mm/9.68"	58.2mm/2.29"	302mm/11.89"	228mm/8.98"
PK2150	399.1mm/15.71"	297.6mm/11.72"	57.5mm/2.26"	384.5mm/15.14"	283mm/11.14"

#### Function View

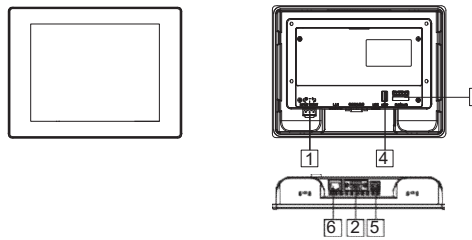
PK2043



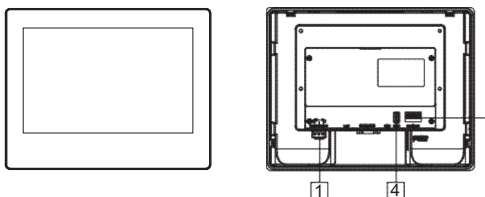
PK2070



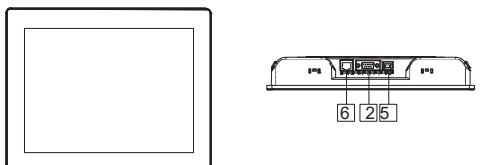
PK2080



PK2100

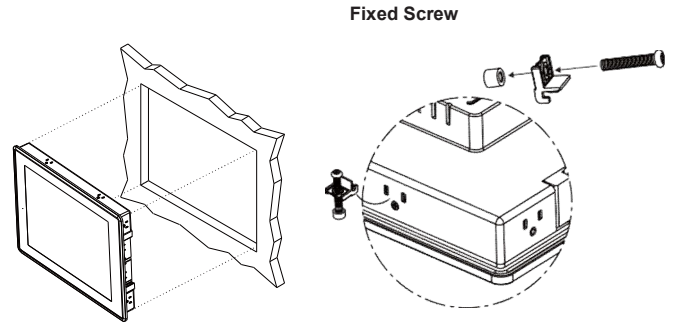


PK2104



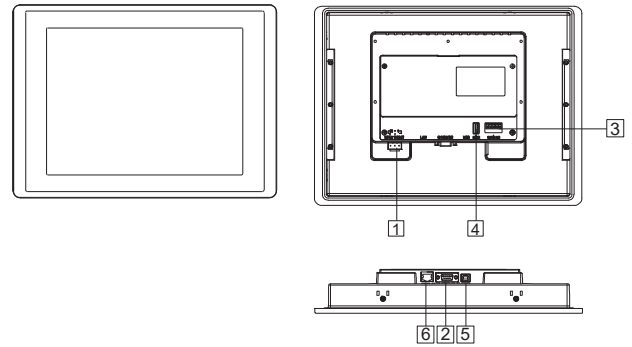
#### Installation Drawing

#### Metal Locks

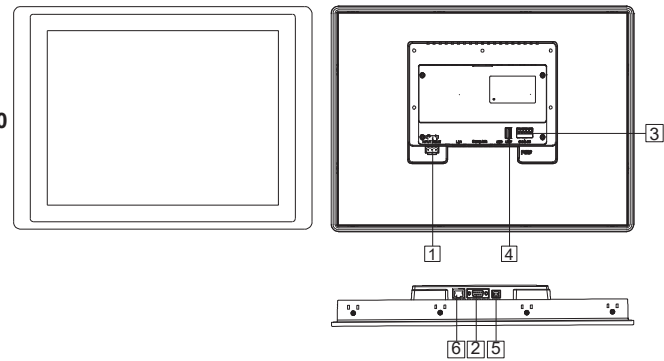


**!** Tighten each fixing screw until the bezel corner gets in contact with the panel.

PK2120  
PK2121



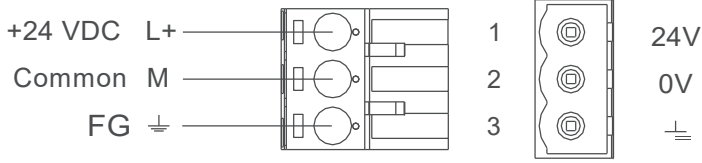
PK2150



- 1 Power Connector
- 2 COM1&2&3 9Pin Female
- 3 COM4&5 5Pin Terminal(Optional)
- 4 USB Host
- 5 USB Client
- 6 Ethernet Port
- 7 COM1&3 5Pin Terminal
- 8 COM2 5Pin Terminal  
COM2&4 5Pin Terminal(Optional)

## Power Supply

Powered by a Low Voltage / Limited Energy power source.



Do not open the rear cover of the panel when power is applied.

Be sure that the power supply has enough power capacity for the operation of the equipment.

## Dispose of batteries



Dispose of batteries according to local regulations.

## Connections

<b>PK2043</b>	<b>21ST/ 31ST/ 41ST</b>	<b>COM1 &amp; COM3 5 Pin Terminal</b>	
	<b>31ST</b>	<b>COM2 5 Pin Terminal</b>	
	<b>41ST (Optional)</b>	<b>COM2 &amp; COM4 5 Pin Terminal</b>	

		<b>COM1 &amp; COM2 &amp; COM3 DB-9-Female</b>	Pin	
			Pin	Description
<b>PK2070 &amp; PK2080 &amp; PK2100 &amp; PK2104 &amp; PK2120 &amp; PK2121 &amp; PK2150</b>	<b>31ST/ 51ST/ 51RT</b>		1	RS422 TXD+ / RS485 + (COM2)
			2	RS232 RXD (COM1)
			3	RS232 TXD (COM1)
			4	RS422 RXD+ (COM2)
			5	SG
			6	RS422 TXD- / RS485 - (COM2)
			7	RS485 - (COM3)
			8	RS485 + (COM3)
			9	RS422 RXD- (COM2)
	<b>51ST (Optional)</b>	<b>COM4 &amp; COM5 5 Pin Terminal</b>		
			<b>51RT (Optional)</b>	<b>COM4 &amp; COM5 5 Pin Terminal</b>

The products have been designed for use in an industrial environment in compliance with the 2014/30/EU directive.

The products have been designed in compliance with:

- EN 61000-6-4: 2007 +A1: 2011
- EN 61000-3-2: 2014
- EN 61000-3-3: 2013
- EN 61000-6-2: 2005 / AC: 2005
- IEC 61000-4-2: 2008; IEC 61000-4-3: 2006 + A1: 2007 +A2: 2010;
- IEC 61000-4-4: 2012; IEC 61000-4-5: 2014; IEC 61000-4-6: 2013;
- IEC 61000-4-8: 2009; IEC 61000-4-11: 2004 + A1: 2017

The installation of these devices into the residential, commercial and light-industrial environments is allowed only in the case that special measures are taken in order to get the conformity to IEC-61000-6-3  
 Reproduction of the contents of this copyrighted document, in whole or part without written permission of Cermate Technologies Inc., is prohibited.