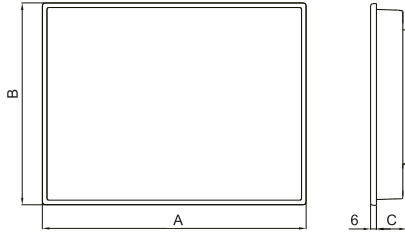
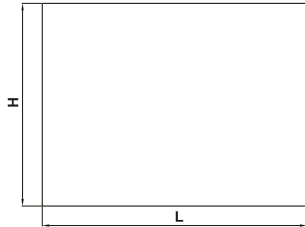


## PT Series HMI Panels

### Outlet Dimension

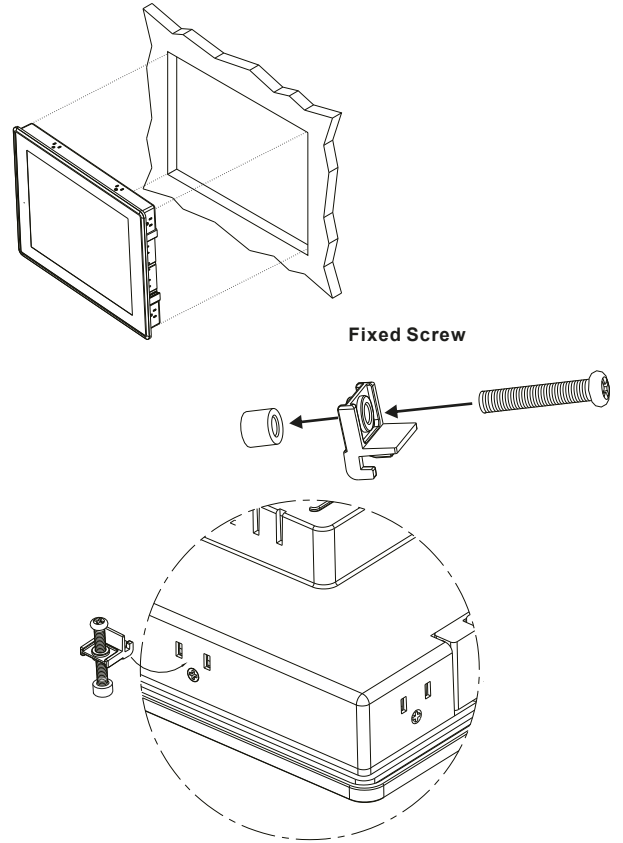


### Cutout Dimension



Model	A	B	C	L	H
PT043	130mm/5.12"	106.2mm/4.18"	39mm/1.54"	119mm/4.69"	93mm/3.66"
PT056 / PT070	188mm/7.40"	143.3mm/5.64"	36mm/1.42"	175mm/6.89"	132.5mm/5.22"
PT056 / PT070 Wide	203.5mm/8.01"	149mm/5.87"	40.5mm/1.59"	192mm/7.56"	138.5mm/5.45"
PT080	231.5mm/9.11"	174.5mm/6.87"	42.5mm/1.67"	221mm/8.70"	164mm/6.46"
PT100 / PT104	270.1mm/10.63"	212.1mm/8.35"	42.5mm/1.67"	259.5mm/10.22"	201.5mm/7.93"
PT121	335.4mm/13.20"	245.9mm/9.68"	54.8mm/2.16"	301.5mm/11.87"	228mm/8.98"
PT150	399.1mm/15.71"	297.6mm/11.72"	55mm/2.17"	384.5mm/15.14"	283mm/11.14"

### Installation Drawing



Screw each fixing screw until the bezel corner gets in contact with the panel.

### Dispose of batteries



VL 2330

### Battery

MATSUSHITA/PANASONIC 3V 50mAh Vanadium Lithium Rechargeable Battery type.



Dispose of batteries according to local regulations.

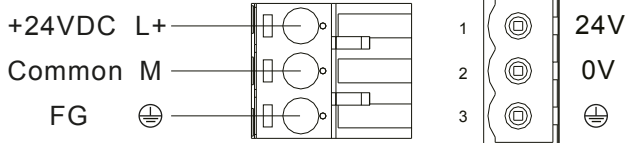


100% battery capacity can hold for 5 months without power supply in general environment. Please charge at least 72hrs within the hold up time. The data in the memory may be incorrect under low battery condition.

### Power Supply



Powered by a Low Voltage / Limited Energy powers



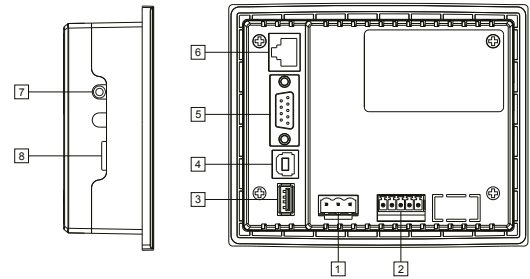
Do not disassemble the machine when power is applied.



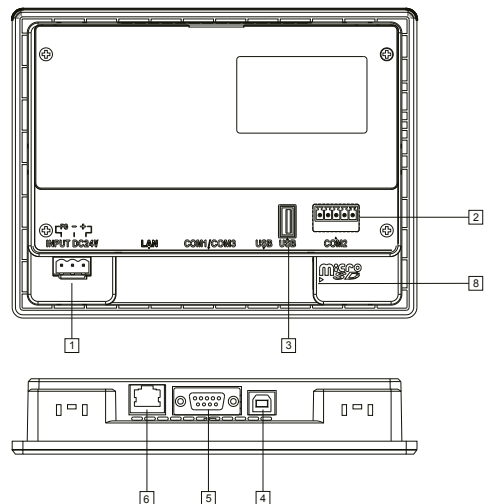
Be sure that the power supply has enough power capacity for the operation of the equipment.

### Function View

#### PT043

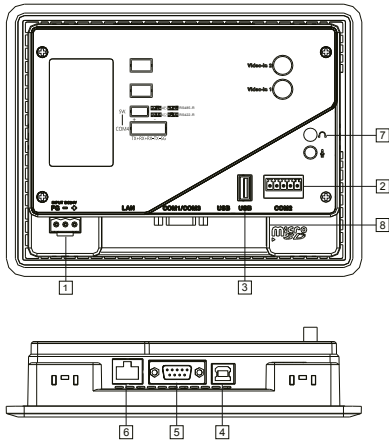


#### PT056/PT070/PT080/PT100/PT104/PT121/PT150

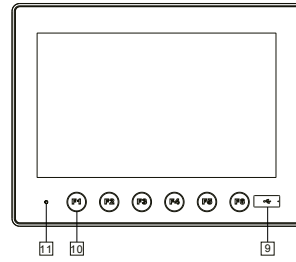


PT056/PT070/PT080/PT100/PT104/PT121/PT150

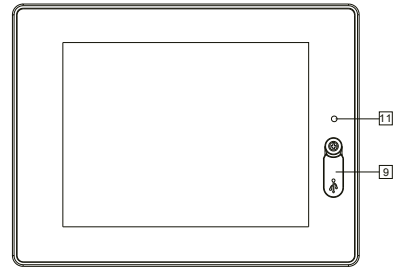
Audio-Out function  
back case(option)



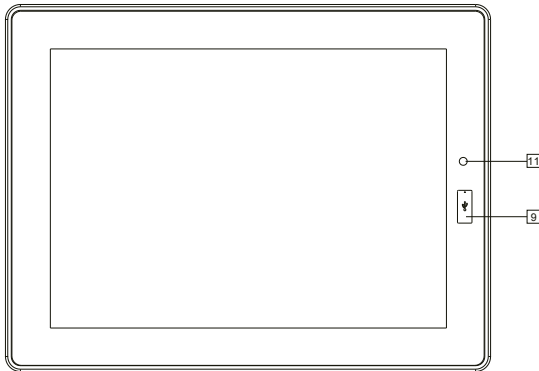
PT056\PT070



PT080



PT104



- 1 Power Connector
- 2 COM2 5Pin-Terminal
- 3 USB Host Connector
- 4 USB Client Connector
- 5 COM1/3 9Pin Female D-Sub Connector
- 6 Ethernet Port
- 7 Audio-Out(Optional)
- 8 Micro SD Slot
- 9 Front USB Connector(Optional)
- 10 Front Function Key(Optional)
- 11 Power

Connections

COM1(DB-9-Female)	
Pin	Description
1	RS422 TXD+/RS485+
2	RS232 RXD(COM1)
3	RS232 TXD(COM1)
4	RS422 RXD+
5	SG
6	RS422 TXD-/RS485-
7	RS232 TXD(COM3)
8	RS232 RXD(COM3)
9	RS422 RXD-

**COM2 (5Pin Terminal)**

Download Cable

COM1			
COM1 Connector 9Pin Male			PC Connector 9Pin Female
RXD	2	3	TXD
TXD	3	2	RXD
SG	5	5	SG
COM3			
COM3 Connector 9Pin Male			PC Connector 9Pin Female
SG	5	5	SG
TXD	7	2	RXD
RXD	8	3	TXD
B-Type COM2			
COM2 Connector/COM2接头 Terminal 5Pin(5Pin 端子台)			PC Connector/PC接头 9Pin Female(母头)
RXD		3	TXD
TXD		2	RXD
SG		5	SG

\*USB Download Cable Model : FCB-XD0-023

The products have been designed for use in an industrial environment in compliance with the 2004/108/EC directive.

The products have been designed in compliance with:

- EN 61000-6-4: 2007
  - EN 61000-3-2: 2006
  - EN 61000-3-3: 2008
  - EN 61000-6-2: 2005
- IEC 61000-4-2: 2008; IEC 61000-4-3: 2006 + A1: 2007;  
IEC 61000-4-4: 2004; IEC 61000-4-5: 2005; IEC 61000-4-6: 2008  
IEC 61000-4-8: 2009; IEC 61000-4-11: 2004

The installation of these devices into the residential, commercial and light-industrial environments are allowed only in the case that special measure 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.