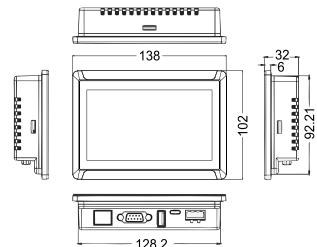
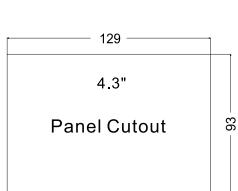
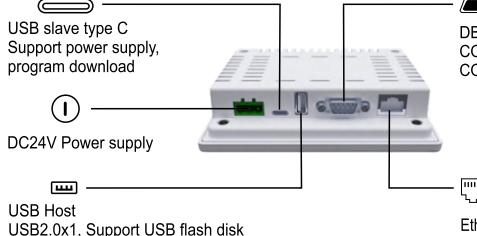


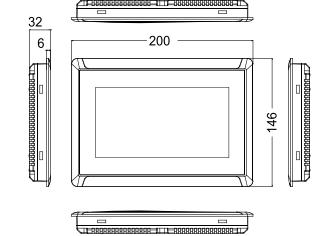
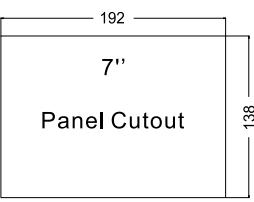
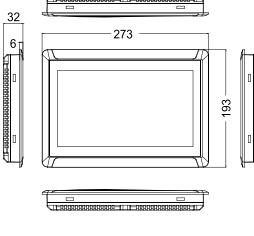
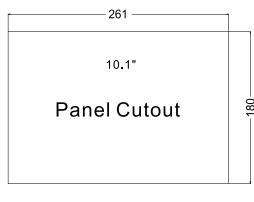
ATSEL HMI (Human Machine Interface)

Temperature	Storage : -20 ~ 60° C	Storage : -20 ~ 70°C
Humidity	10 ~ 90% RH (Non-condensing)	
Seismic performance	10 ~ 25Hz (2G / 30min in x, y, z directions)	
Protection level of front panel	Comply with IP65 certification (4208-93)	
CE Certificate	According to CE Certification (EN61000-6-2:2005 / EN61000-6-4:2007)	

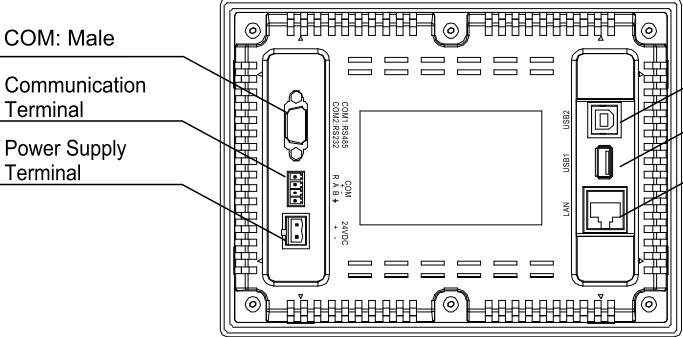
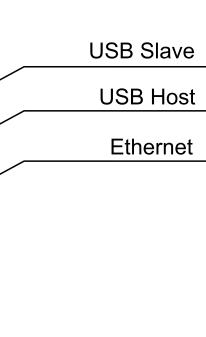
Dimensions & External ports (All dimensions are in mm)

Panel cutout	4.3" HMI	4.3" HMI
	 4.3" Panel Cutout	 USB slave type C Support power supply, program download DC24V Power supply USB Host USB2.0x1, Support USB flash disk to update firmware, configure and store data Ethernet port Download/Upload, PLC Communication & connect Router and switcher DB 9 Series port, male COM1:RS485/RS422 COM2:RS232

SP112-GT40-S1-CE , SP112-GT40-ET1-CE SP112-GT40-S1-CE , SP112-GT40-ET1-CE

Panel cutout	7" HMI	Panel cutout	10" HMI
	 7" Panel Cutout		 10.1" Panel Cutout

SP112-GT70-S1-CE , SP112-GT70-ET1-CE SP112-GT100-ET1-CE

7" HMI	10" HMI
	

SP112-GT70-S1-CE , SP112-GT70-ET1-CE
SP112-GT100-ET1-CE

Configuration

DB9 Pin			Terminal			
Interface	PIN	PIN Definition				
COM2	1	—				
	2	RS232 RXD				
	3	RS232 TXD				
	4	—				
	5	GND				
COM1	6	—				
	7	RS485+(A)				
	8	RS485-(B)				
	9	—				

Caution:
In RS485 communication, out of serial port & communication terminal, only one can be chosen. Two of them can't be used at the same time.

Communication Terminal is a 4 pin removable terminal, which supports RS485 communication. A built-in 120 ohm resistance is used for longer distance communication (more than 300-meters), user can manually short Pin 1 & Pin 2 to suppress communication interference.

Port	PIN	Pin Definition	Remarks
COM3	1	R	120Ω Terminal resistance
	2	RS485 +	(A)
	3	RS485 -	(B)
	4	PE	Shield ground

Ordering information

SP112-GT40-S1-CE	4.3" Touch screen HMI with serial ports
SP112-GT40-ET1-CE	4.3" Touch screen HMI with ethernet & serial ports
SP112-GT70-S1-CE	7" Touch screen HMI with serial ports
SP112-GT70-ET1-CE	7" Touch screen HMI with ethernet & serial ports
SP112-GT100-ET1-CE	10" Touch screen HMI with ethernet & serial ports

Accessories

AC-USB-USB-02-1M (USB Type C - Downloading cable)
AC-USB-USB-01-1M (USB Type B - Downloading cable)