

ATSEL HMI (Human Machine Interface)

7" HMI



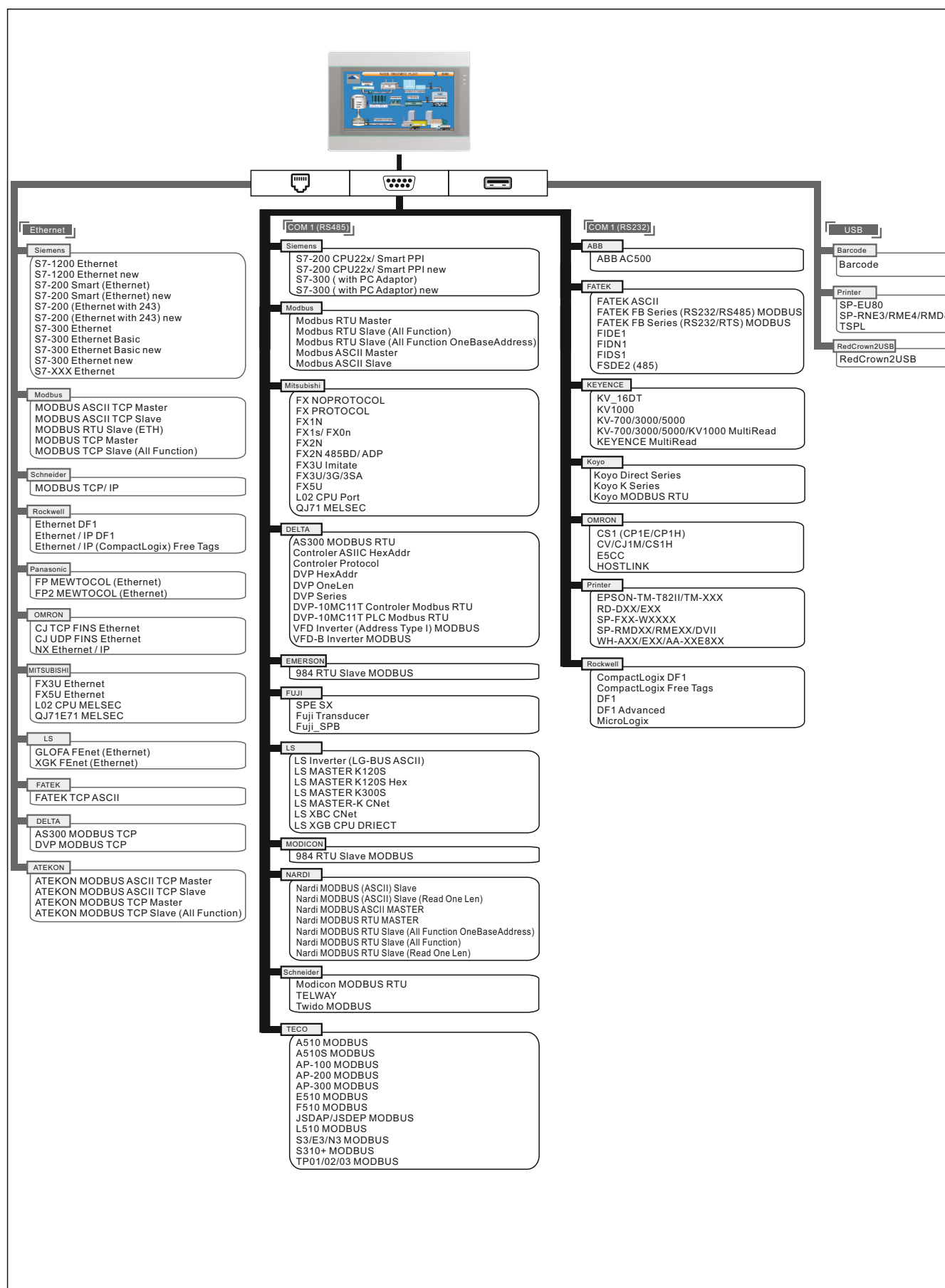
Features :

- 7" Touch screen
- Ethernet / Serial communication
- User / Recipe management
- Address Mapping
- Update program by USB flash
- Multiple communication protocols
- In-Built symbol library
- Alarms, Calender, Real time clock
- LUA button & Script function
- QR code generator
- USB Printer support

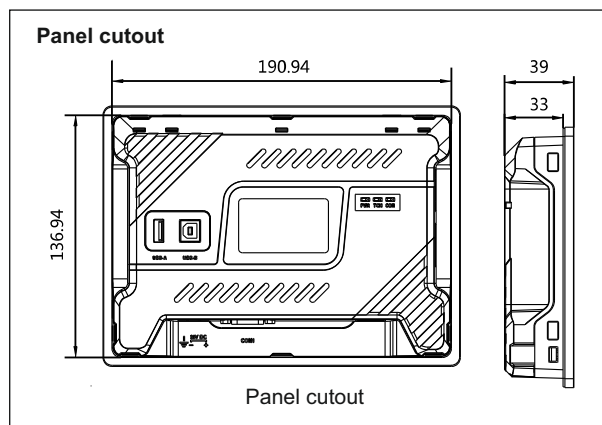
Certification : 

Specifications		SP113-GT70-S	SP113-GT70-ET
Display specifications	Type	7" TFT Touch screen (16,000k colors)	
	Resolution	800 x 480	
	Display size	7" Diagonal	
	Backlight	LED	
	Brightness	250 cd/m ²	
	Span life	50000 hrs	
	LCD type	High precision four-wire resistive	
Functional specifications	Programming	SEL Studio Soft (Windows based software for HMI configuration)	
	Processor	Cortex A35 1.2GHz	
	OS	Linux 4.9.11 QT based	Linux 4.4.0 QT based
	Memory	128M Flash + 64MB RAM	128M Flash + 128MB RAM
	USB	USB2.0 Host + USB2.0 Client	
	USB slave	Type B, program download/upload only	
	Serial interface	COM1 : CN1: RS422/RS485, CN2: RS232	COM1 : CN1: RS422/RS485, CN2: RS232, CN3: RS485
	Ethernet	No	RJ45 10M/100M self-adaption. Communicates with PLC & PC, Multiple HMI Online.
	DB9	Male (COM1)	
	Real-time clock	No	
Mechanical specifications	Dimensions (W x H x D)mm	201.2W×147.2H×39D	
	Panel cutout (W x H)mm	192.0W x 138.0H	
	Mounting	Panel mounting	
	Weight	0.52 kg	
	Ingress protection	IP65 (Front Panel)	
	Cover material	PC+ABS plastics	
Electrical specifications	Power supply voltage	24V DC (DC 12 ~ 28V)	
	Rated power	< 15W	< 8W
Environmental specifications	Temperature	Operating : -10 ~ 60°C	Operating : -10 ~ 55°C (ET)
		Storage : -20 ~ 70°C	
	Humidity	10 ~ 90% RH (Non-condensing)	
Certification	Seismic performance	10 ~ 25Hz (2G / 30min in x, y, z directions)	
	Protection level of front panel	Comply with IP65 certification	
	CE certificate	CE certification	
	FCC Certification	FCC Class A	

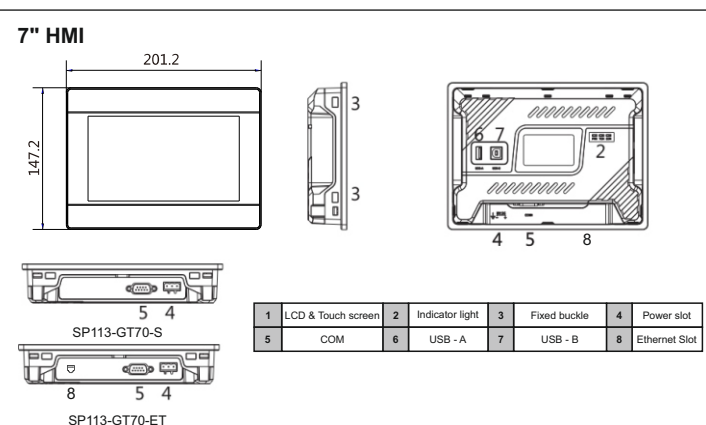
Device interfacing



Dimension (All Dimensions are in mm)



External ports



DB9 Pin Configuration

Interface	PIN	PIN Definition
COM1	1	RS422 TX+/RS485 A+
	2	RS232 RXD
	3	RS232 TXD
	5	GND
	6	RS422 TX-/RS485 B-
	8	RS422 RX-
	9	RS422 RX+

SP113-GT70-S-CE

Interface	PIN	PIN Definition
COM1	1	RS422 TX+/RS485 A1+
	2	RS232 RXD
	3	RS232 TXD
	4	RS485 B2-
	5	GND
	6	RS422 TX-/RS485 B1-
	7	RS485 A2+
	8	RS422 RX-
	9	RS422 RX+

SP113-GT70-ET-CE

Ordering information

Product code	Description
SP113-GT70-S-CE	7" Touch screen HMI with Serial ports
SP113-GT70-ET-CE	7" Touch screen HMI with Ethernet & Serial ports

Accessories

AC-USB-USB-01-1M (USB type B - Downloading cable)

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