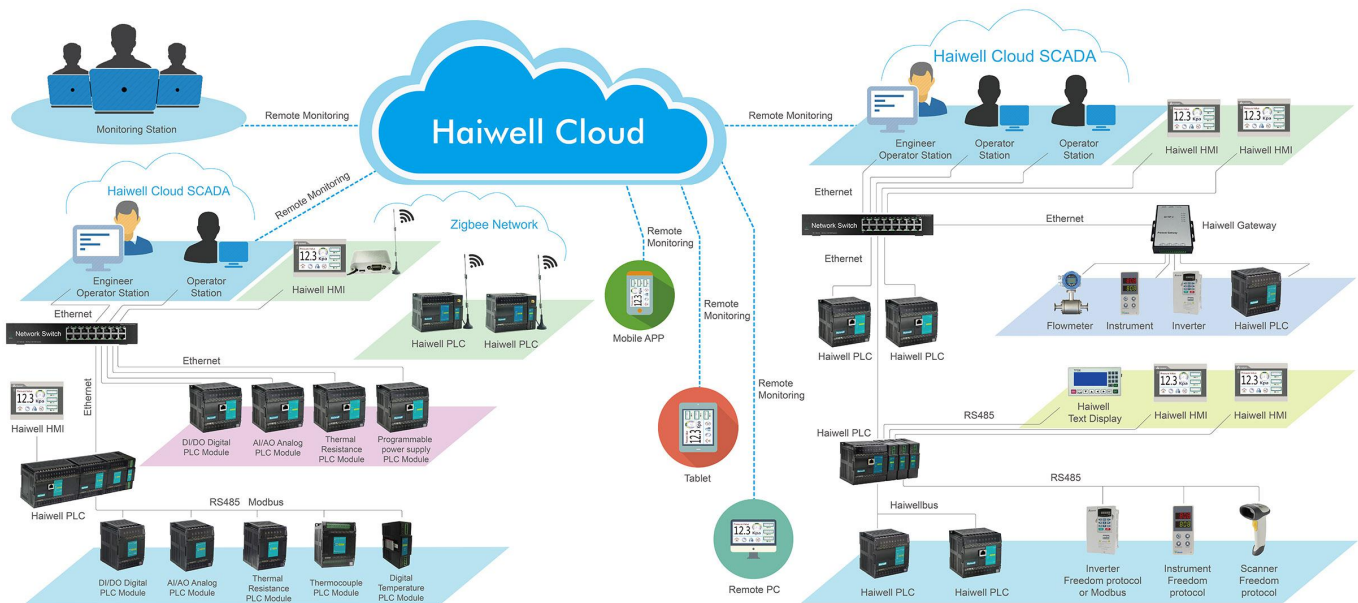




Haiwell Products List

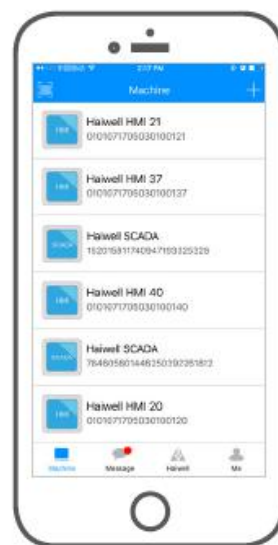
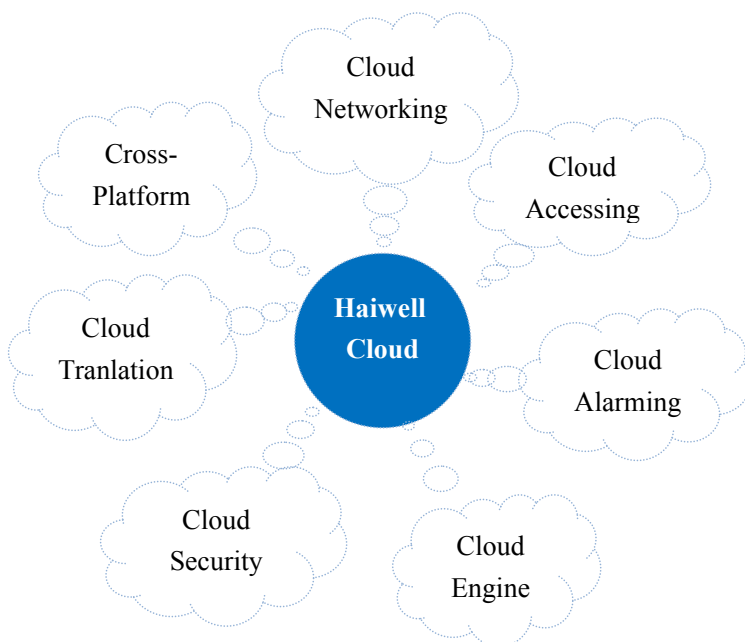
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Haiwell Cloud Platform



Haiwell Cloud is a cross-platform IOT cloud platform. It supports PC, iPad, Android, IOS and other terminals. You can visit on-site equipments from a thousand miles away, and realize the remote monitoring and maintaining for HMI and PLC. It supports remote programming, firmware upgrades, monitoring and diagnosis etc.

Haiwell Cloud provides security mechanisms for communication. It is secured by the encryption mechanism of 128-bit SSL, which ensures the stable and safe data transfer. It also uses A-key and B-Key protection mechanism to enable secure remote access to the devices.



Haiwell Cloud APP

PLC - Programmable Logic Controller



PLC MPU

- C Series - Economic PLC
- T Series - Standard PLC
- N Series - Motion Control PLC
- H Series - High Performance PLC

PLC Expansion Modules

- Digital I/O PLC Modules
- Analog I/O PLC Modules
- Temperature & Humidity Modules
- Functional Modules
- Communication PLC Modules

Accessories

Model Description

N 40 S 2 T - e



1 Series

- C:** Economic PLC MPU
T: Standard PLC MPU
H: High Performance PLC MPU
N: Motion Control PLC MPU

2 I/O points

Built-in 10-point, 16-point, 20-point, 24-point, 32-point, 40-point, 48-point and 60-point are optional

3 Specification

S: Standard Digital PLC MPU

4 Power Specification

2: 220V AC **0:** 24V DC




5 Output type

R: Relay **T:** Transistor NPN **P:** Transistor PNP

6 Ethernet


e: Built-in Ethernet port

C Series - Economic PLC MPU (-e : Built-in Ethernet port)

Ethernet Model		Model		Specification				Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	COM port	Max Expansion	
C10S0R-e	C10S2R-e	C10S0R	C10S2R	6	4 Relay	RS232 + RS485	N/A	 93×95×82mm
C10S0T-e	C10S2T-e	C10S0T	C10S2T	6	4 Transistor NPN	RS232 + RS485	N/A	
C10S0P-e	C10S2P-e	C10S0P	C10S2P	6	4 Transistor PNP	RS232 + RS485	N/A	
C16S0R-e	C16S2R-e	C16S0R	C16S2R	8	8 Relay	RS232 + RS485	N/A	
C16S0T-e	C16S2T-e	C16S0T	C16S2T	8	8 Transistor NPN	RS232 + RS485	N/A	
C16S0P-e	C16S2P-e	C16S0P	C16S2P	8	8 Transistor PNP	RS232 + RS485	N/A	
C24S0R-e	C24S2R-e	C24S0R	C24S2R	16	8 Relay	RS232 + RS485	N/A	 131×95×82mm
C24S0T-e	C24S2T-e	C24S0T	C24S2T	16	8 Transistor NPN	RS232 + RS485	N/A	
C24S0P-e	C24S2P-e	C24S0P	C24S2P	16	8 Transistor PNP	RS232 + RS485	N/A	
C32S0R-e	C32S2R-e	C32S0R	C32S2R	16	16 Relay	RS232 + RS485	N/A	
C32S0T-e	C32S2T-e	C32S0T	C32S2T	16	16 Transistor NPN	RS232 + RS485	N/A	
C32S0P-e	C32S2P-e	C32S0P	C32S2P	16	16 Transistor PNP	RS232 + RS485	N/A	
C48S0R-e	C48S2R-e	C48S0R	C48S2R	28	20 Relay	RS232 + RS485	N/A	 177×95×82mm
C48S0T-e	C48S2T-e	C48S0T	C48S2T	28	20 Transistor NPN	RS232 + RS485	N/A	
C48S0P-e	C48S2P-e	C48S0P	C48S2P	28	20 Transistor PNP	RS232 + RS485	N/A	
C60S0R-e	C60S2R-e	C60S0R	C60S2R	36	24 Relay	RS232 + RS485	N/A	
C60S0T-e	C60S2T-e	C60S0T	C60S2T	36	24 Transistor NPN	RS232 + RS485	N/A	
C60S0P-e	C60S2P-e	C60S0P	C60S2P	36	24 Transistor PNP	RS232 + RS485	N/A	





- ◆ MPU Points: 10/16/24/32/48/60;
- ◆ Program capacity: 48K steps;
- ◆ No extension module function;
- ◆ Cost-effective, high-reliability and practical;
- ◆ 220VAC or 24VDC power supply;
- ◆ Use removable terminal blocks, with the rechargeable battery for saving real-time clock;
- ◆ The platform update, using ARM architecture, the processing speed increases more than 10 times;
- ◆ COM port: Built-in RS232 and RS485 ports, compatible with Modbus ASCII/RTU Protocol, Free communication Protocol and Haiwellbus high speed Protocol;
- ◆ Support Ethernet port and 5 other RS232/RS485 communication ports working simultaneously, support N:N network type.

T Series - Standard PLC MPU (-e : Built-in Ethernet port)

Ethernet Model		Model		Specification						Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	Pulse Input	Pulse Output	COM port	Max exp.	
T16S0R-e	T16S2R-e	T16S0R	T16S2R	8	8 Relay	2 Channels A/B phase (4 points) 200KHz		RS232+RS485 , Max 5 ports	7	 93×95×82mm
T16S0T-e	T16S2T-e	T16S0T	T16S2T	8	8 Transistor NPN	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T16S0P-e	T16S2P-e	T16S0P	T16S2P	8	8 Transistor PNP	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T24S0R-e	T24S2R-e	T24S0R	T24S2R	16	8 Relay	2 Channels A/B phase (4 points) 200KHz		RS232+RS485 , Max 5 ports	7	 131×95×82mm
T24S0T-e	T24S2T-e	T24S0T	T24S2T	16	8 Transistor NPN	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T24S0P-e	T24S2P-e	T24S0P	T24S2P	16	8 Transistor PNP	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T32S0R-e	T32S2R-e	T32S0R	T32S2R	16	16 Relay	2 Channels A/B phase (4 points) 200KHz		RS232+RS485 , Max 5 ports	7	 177×95×82mm
T32S0T-e	T32S2T-e	T32S0T	T32S2T	16	16 Transistor NPN	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T32S0P-e	T32S2P-e	T32S0P	T32S2P	16	16 Transistor PNP	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T48S0R-e	T48S2R-e	T48S0R	T48S2R	28	20 Relay	2 Channels A/B phase (4 points) 200KHz		RS232+RS485 , Max 5 ports	7	 177×95×82mm
T48S0T-e	T48S2T-e	T48S0T	T48S2T	28	20 Transistor NPN	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T48S0P-e	T48S2P-e	T48S0P	T48S2P	28	20 Transistor PNP	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T60S0R-e	T60S2R-e	T60S0R	T60S2R	36	24 Relay	2 Channels A/B phase (4 points) 200KHz		RS232 + RS485, Max 5 ports	7	 177×95×82mm
T60S0T-e	T60S2T-e	T60S0T	T60S2T	36	24 Transistor NPN	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	
T60S0P-e	T60S2P-e	T60S0P	T60S2P	36	24 Transistor PNP	2 Channels A/B phase (4 points) 200KHz	2 Channels A/B phase (4 points) 200KHz	RS232+RS485 , Max 5 ports	7	

- ◆ MPU Points: 10/16/24/32/48/60;
- ◆ Program capacity: 48K steps;
- ◆ Expandable to Max. 7 Modules;
- ◆ 220VAC or 24VDC power supply;
- ◆ Use removable terminal blocks, with the rechargeable battery for saving real-time clock;
- ◆ The platform update, using ARM+FPGA architecture, the processing speed increases more than 10 times;
- ◆ 2 groups of AB phase 200KHz pulse output; 2 channels of 200KHz pulse input;
- ◆ COM port: Built-in RS232 and RS485 ports, compatible with Modbus ASCII/RTU Protocol, Free communication Protocol and Haiwellbus high speed Protocol;
- ◆ Support Ethernet port and 5 other RS232/RS485 communication ports working simultaneously, support N:N network type.




H Series – High Performance PLC MPU (-e : Built-in Ethernet port)

Ethernet Model		Model		Specification						Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	Pulse Input	Pulse Output	COM port	Max exp.	
H16S0R-e	H16S2R-e	H16S0R	H16S2R	8	8 Relay	4 Channels A/B phase (8 points) 200KHz		RS232+RS485 , Max 5 ports	7	 93×95×82mm
H16S0T-e	H16S2T-e	H16S0T	H16S2T	8	8 Transistor NPN	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H16S0P-e	H16S2P-e	H16S0P	H16S2P	8	8 Transistor PNP	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H24S0R-e	H24S2R-e	H24S0R	H24S2R	12	12 Relay	4 Channels A/B phase (8 points) 200KHz		RS232+RS485 , Max 5 ports	7	
H24S0T-e	H24S2T-e	H24S0T	H24S2T	12	12 Transistor NPN	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H24S0P-e	H24S2P-e	H24S0P	H24S2P	12	12 Transistor PNP	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H32S0R-e	H32S2R-e	H32S0R	H32S2R	16	16 Relay	4 Channels A/B phase (8 points) 200KHz		RS232+RS485 , Max 5 ports	7	 131×95×82mm
H32S0T-e	H32S2T-e	H32S0T	H32S2T	16	16 Transistor NPN	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H32S0P-e	H32S2P-e	H32S0P	H32S2P	16	16 Transistor PNP	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H40S0R-e	H40S2R-e	H40S0R	H40S2R	20	20 Relay	4 Channels A/B phase (8 points) 200KHz		RS232+RS485 , Max 5 ports	7	 177×95×82mm
H40S0T-e	H40S2T-e	H40S0T	H40S2T	20	20 Transistor NPN	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H40S0P-e	H40S2P-e	H40S0P	H40S2P	20	20 Transistor PNP	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H60S0R-e	H60S2R-e	H60S0R	H60S2R	36	24 Relay	4 Channels A/B phase (8 points) 200KHz		RS232+RS485 , Max 5 ports	7	 177×95×82mm
H60S0T-e	H60S2T-e	H60S0T	H60S2T	36	24 Transistor NPN	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	
H60S0P-e	H60S2P-e	H60S0P	H60S2P	36	24 Transistor PNP	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS485 , Max 5 ports	7	

- ◆ MPU Points: 16/24/32/40/60;
- ◆ Program capacity: 48K steps;
- ◆ Expandable to Max. 7 Modules;
- ◆ 220VAC or 24VDC power supply;
- ◆ Use removable terminal blocks and use the rechargeable battery for saving real-time clock;
- ◆ The platform update, using ARM+FPGA architecture, the processing speed increases more than 10 times;
- ◆ 4 groups of AB phase 200KHz pulse output; 4 channels of 200KHz pulse input;
- ◆ COM port: Built-in RS232 and RS485 ports, compatible with Modbus ASCII/RTU Protocol, up to 5 communication ports and up to 7 non-communication modules;
- ◆ Support Ethernet port and 5 other RS232/RS485 communication ports working simultaneously, support N:N network type.

N Series - Motion Control PLC MPU (-e : Built-in Ethernet port)






Supports 2-axis linear /arc interpolation, 2-axis synchronous control, absolute address, relative address, backlash compensation, electric original point redefine etc.

Ethernet Model		Model		Specification						Dimension WxHxD	
24V DC	220V AC	24V DC	220V AC	DI	DO	Pulse Input	Pulse Output	COM port	Max exp.		
N16S0T-e	N16S2T-e	N16S0T	N16S2T	8	8 Transistor NPN	4 Channels A/B phase (8 points) 200KHz	4 Channels A/B phase (8 points) 200KHz	RS232+RS 485, Max 5 ports	7	 93×95×82mm	
N16S0P-e	N16S2P-e	N16S0P	N16S2P	8	8 Transistor PNP						
N24S0T-e	N24S2T-e	N24S0T	N24S2T	12	12 Transistor NPN	6 Channels A/B phase (12 points) 200KHz	6 Channels A/B phase (12 points) 200KHz	RS232+RS 485, Max 5 ports	7		
N24S0P-e	N24S2P-e	N24S0P	N24S2P	12	12 Transistor PNP						
N40S0T-e	N40S2T-e	N40S0T	N40S2T	20	20 Transistor NPN	8 Channels A/B phase (16 points) 200KHz	8 Channels A/B phase (16 points) 200KHz	RS232+RS 485, Max 5 ports	7	 131×95×82mm	
N40S0P-e	N40S2P-e	N40S0P	N40S2P	20	20 Transistor PNP						
N60S0T-e	N60S2T-e	N60S0T	N60S2T	36	24 Transistor NPN	8 Channels A/B phase (16 points) 200KHz	8 Channels A/B phase (16 points) 200KHz	RS232+RS 485, Max 5 ports	7		 177×95×82mm
N60S0P-e	N60S2P-e	N60S0P	N60S2P	36	24 Transistor PNP						

- ◆ MPU Points: 16/24/40/60;
- ◆ Program capacity: 48K steps;
- ◆ Expandable to Max. 7 Modules;
- ◆ 220VAC or 24VDC power supply;
- ◆ Use removable terminal blocks & the rechargeable battery for saving real-time clock;
- ◆ Support linear/arc interpolation, Synchronism pulse output;
- ◆ The platform update, using ARM+FPGA architecture, the processing speed increases more than 10 times;
- ◆ Support absolute address, relative address. Support backlash compensation, electric original point redefine etc;
- ◆ 8 groups of AB phase 200KHz pulse output; 8 channels of 200KHz pulse input ;
- ◆ COM port: Built-in RS232 and RS485 ports, compatible with Modbus ASCII/RTU Protocol, up to 5 communication ports and up to 7 non-communication modules;
- ◆ Support Ethernet port and 5 other RS232/RS485 communication ports working simultaneously, support N:N network type.

Digital I/O Expansion Modules (-e : Built-in Ethernet port)



Built-in communication function: support parallel bus and serial bus, Extended via serial bus(as remote function), without restriction of extension points of the system, can be installed distributedly.

Ethernet Model		Model		Specification			Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	Communication	
		H08DI		8			 30×95×82mm
		H08DOR			8 Relay		
		H08DOT			8 Transistor NPN		
		H08DOP			8 Transistor PNP		
		H08XDR		4	4 Relay		
		H08XDT		4	4 Transistor NPN		
		H08XDP		4	4 Transistor PNP		
		H16DI		16		RS485,support remote function	 70×95×82mm
		H16DOR			16 Relay	RS485,support remote function	
		H16DOT			16 Transistor NPN	RS485,support remote function	
		H16DOP			16 Transistor PNP	RS485,support remote function	
		H16XDR		8	8 Relay	RS485,support remote function	
		H16XDT		8	8 Transistor NPN	RS485,support remote function	
		H16XDP		8	8 Transistor PNP	RS485,support remote function	
H24DI-e	H24DI2-e	H24DI	H24DI2	24		RS485,support remote function	 93×95×82mm
H24XDR-e	H24XDR2-e	H24XDR	H24XDR2	12	12 Relay	RS485,support remote function	
H24XDT-e	H24XDT2-e	H24XDT	H24XDT2	12	12 Transistor NPN	RS485,support remote function	
H24XDP-e	H24XDP2-e	H24XDP	H24XDP2	12	12 Transistor PNP	RS485,support remote function	
H40DI-e	H40DI2-e	H40DI	H40DI2	40		RS485,support remote function	 131×95×82mm
H36DOR-e	H36DOR2-e	H36DOR	H36DOR2		36 Relay	RS485,support remote function	
H36DOT-e	H36DOT2-e	H36DOT	H36DOT2		36 Transistor NPN	RS485,support remote function	
H36DOP-e	H36DOP2-e	H36DOP	H36DOP2		36 Transistor PNP	RS485,support remote function	
H40XDR-e	H40XDR2-e	H40XDR	H40XDR2	20	20 Relay	RS485,support remote function	 177×95×82mm
H40XDT-e	H40XDT2-e	H40XDT	H40XDT2	20	20 Transistor NPN	RS485,support remote function	
H40XDP-e	H40XDP2-e	H40XDP	H40XDP2	20	20 Transistor PNP	RS485,support remote function	
H64XDR-e	H64XDR2-e	H64XDR	H64XDR2	32	32 Relay	RS485,support remote function	 177×95×82mm
H64XDT-e	H64XDT2-e	H64XDT	H64XDT2	32	32 Transistor NPN	RS485,support remote function	
H64XDP-e	H64XDP2-e	H64XDP	H64XDP2	32	32 Transistor PNP	RS485,support remote function	

- ◆ MPU Points: 8/16/24/36/40/64;
- ◆ It can be used as extension module for any Haiwell PLC
- ◆ 8-point, 16-point digital modules only support 24VDC, digital modules with more than 16-point support both 24VDC and 220VAC power supply;
- ◆ Digital modules with more than 8-point have RS485 port, support stand-alone use and can also be used for Remote IO;
- ◆ Expansion modules with Ethernet port and RS485 port, can be remote IO unit by distributed installation.




Analog I/O Expansion Modules (-e : Built-in Ethernet port)

Built-in communication function: support parallel bus and serial bus, Extended via serial bus(as remote function), without restriction of extension points of the system, can be installed distributedly.

Ethernet Model		Model		Specification				Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	AI	AO	Conversion Accuracy	Communication	
		S04AI	S04AI2	4		12 bits	RS485, support remote function	 70×95×82mm
		S04AO	S04AO2		4	12 bits	RS485, support remote function	
		S04XA	S04XA2	2	2	12 bits	RS485, support remote function	
S08AI-e	S08AI2-e	S08AI	S08AI2	8		12 bits	RS485, support remote function	 93×95×82mm
S08AO-e	S08AO2-e	S08AO	S08AO2		8	12 bits	RS485, support remote function	
S08XA-e	S08XA2-e	S08XA	S08XA2	4	4	12 bits	RS485, support remote function	


- ◆ 18 models. Can be used as extension module for any Haiwell PLC host;
- ◆ Modules with RS485 port can be use as remote I/O;
- ◆ AI, AO supports 6 kinds of signal types: [4,20]mA, [1,5]V, [0,20]mA, [0,5]V, [0,10]V, [-10,10]V;
- ◆ Expansion modules with Ethernet port and RS458 port, can be remote IO unit by distributed installation.

Temperature & Humidity Expansion Modules (-e : Built-in Ethernet port)



Ethernet Model		Model		Specification				Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	AI	AO	Conversion Accuracy	Communication	
		H04DT		4 Channels DS18B20, RW1820 temperature sensor, DS1990 sensor or SHT1x, SHT7x temperature & humidity sensor		9~12 bits		 30×95×82mm
		H32DT		32 Channels DS18B20, RW1820 temperature sensor, DS1990 sensor		9~12 bits	RS485, support remote function	
		H04RC	H04RC2	4 Thermal resistance		16 bits	RS485, support remote function	 70×95×82mm
		H04TC	H04TC2	4 Thermocouple		16 bits	RS485, support remote function	
		H08TC	H08TC2	8 Thermocouple		16 bits	RS485, support remote function	
H08RC-e	H08RC2-e	H08RC	H08RC2	8 Thermal resistance		16 bits	RS485, support remote function	 93×95×82mm

- ◆ 12 models. Can be used as extension module for any Haiwell PLC host;
- ◆ Modules with RS485 port can be use as remote I/O;
- ◆ Thermal Resistance kinds: PT100,PT1000, Cu50,Cu100;
- ◆ Thermocouple kinds: S, K, T, E, J, B, N, R, Wre3/25, Wre5/26, [0,20]mV, [0,50]mV, [0,100]mV;
- ◆ Expansion modules with Ethernet port and RS458 port, can be remote IO unit by distributed installation.

Functional Expansion Module (-e : Built-in Ethernet port)


Ethernet Model	Model	Specification				Dimension WxHxD
24V DC	24V DC	Type	Specification	Conversion Accuracy	Communication	
H02PW-e	H02PW	Programmable Power Module	2 channels programmed control DC constant voltage / constant current output, with current and voltage measurement	12 bits	RS485, support remote function	 93×95×82mm

Communication Expansion Modules

Model	Specification	Dimension WxHxD
S01RS	With isolation ,1 RS232/RS485 communication port, Modbus RTU/ASCII protocol, freedom communication protocol, Haiwellbus high speed communication protocol, Baud rate 1200~57600bps	 30×95×82mm
S01GL	With isolation ,Modbus RTU/ASCII protocol, freedom communication protocol, Haiwellbus high speed communication protocol, Baud rate 1200~115200bps	
H01ZB	Zigbee wireless communication expansion	
PC2ZB	PC to Zigbee module	 48x70x24mm

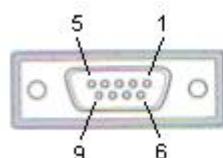
- ◆ 4 models , communication port extension module and the wireless communication module ;
- ◆ Power supply: internal 24VDC;
- ◆ Baud rate 1200~115200bps, master/slave mode can be used well;
- ◆ Support Modbus RTU/ASCII protocol, free communication protocol, HaiwellBus high-speed communication protocol;
- ◆ It can be used as extension module for any host, except C series PLC, increasing the number of communication ports;
- ◆ Single communication port module can be extended to two or three communication ports, RS485/RS232 port optionally.

Accessories

Model	Specification	Dimension
ACA20	RS232 programming cable (DB9, length 2 meters)	 2.0m

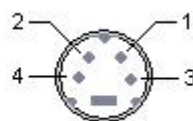
Wiring Diagram:

PC (RS232)
DB9 female

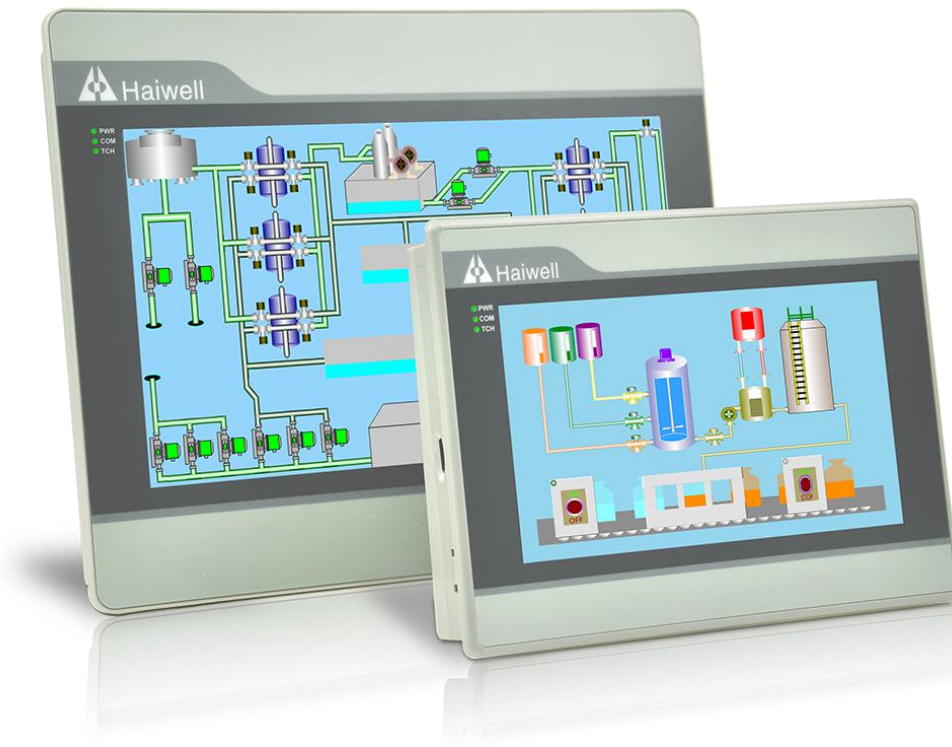




Rx 2 ↔ 2 Tx
 Tx 3 ↔ 1 Rx
 GND 5 ↔ 3 GND

PLC (COM1)
4 line S male



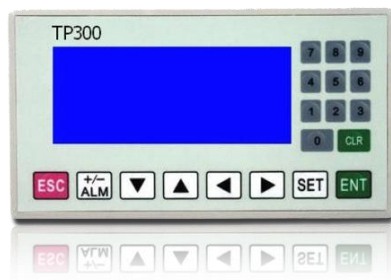
HMI - Human Machine Interface




Model	Specification	Panel Cutout WxH	G.W.	Dimension WxHxD
C7	7"TFT, 800*480, A8 800MHz, 4G Flash, 512M RAM	193x138mm	0.7kg	 200*146*37mm
C10	10.1" TFT, 1024*600, A8 800MHz, 4G Flash, 512M RAM	260x202mm	1.2kg	 270x212x35mm

- ◆ 7" and 10.1" size optional. LED backlight, fashion, splendid, elegant
- ◆ Cortex A8 800MHZ CPU, 4GB FLASH + 512M DDR3
- ◆ Serial port/ U disk / SD card / Ethernet port/ Haiwell cloud
- ◆ HMI directly uses [Haiwell Cloud SCADA Software](#) for programming and management
- ◆ Supports cloud / mobile terminal access control, strong operability
- ◆ A/B Key security mechanism, Multi-language automatic translation, Project overview interface
- ◆ Innovative network mode, easy, convenient and practical
- ◆ Integrate Haiwell cloud service, built-in Haiwell cloud engine
- ◆ Standard RJ45 port, 2 serial ports (232/422/485), 2 USB ports, SD card. WiFi module is optional

Text Display




Model	Specification	Dimension WxHxD
TP300	Text display, 4.3"STNBlue LCD display, 192 × 64 Pixel resolution	 172×95×30mm

TP300 is a Human-Machine Interface that is used with many kinds of PLC (or the other intelligent controllers with communication ports). With TP300, both the values of the PLC inner registers and the relays status of PLC can be monitored or changed through texts or LEDs. So the operation of the machines or the devices is more easy and convenient.

Protocol Gateway



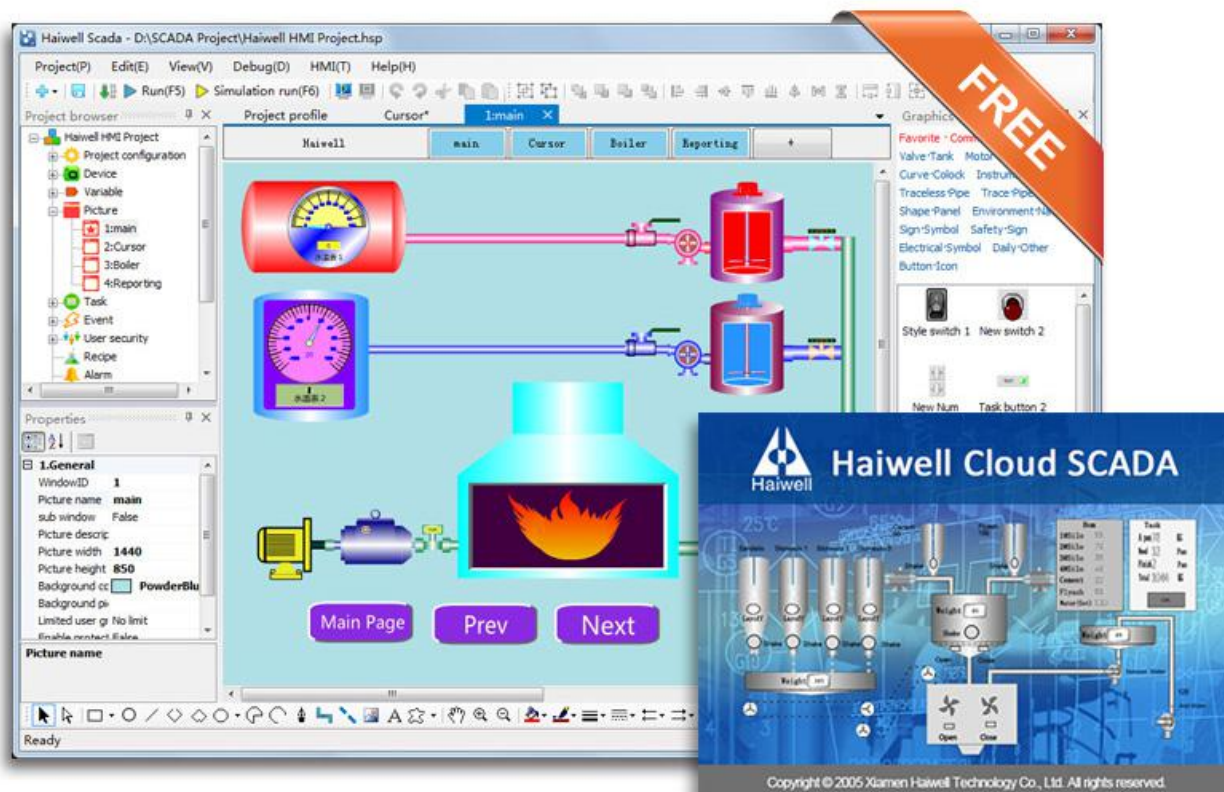
Model	Specification	Dimension WxHxD
H01TCP-4	Protocol gateway, 2 Ethernet ports, 4 RS485 ports with isolation	 140x116x30mm

H01TCP-4 is a powerful gateway of hardware protocol, it can transform various protocols of the slave device into standard Modbus RTU protocol or Modbus TCP protocol.

Convenient for multiple protocols working in one network and convenient in monitoring equipments

Mainly used in the site which uses Non-Ethernet equipments, in which the PC uses Ethernet.

Cloud SCADA



Main Features:

Powerful displaying function

The industrial site condition can be observed directly to do real-time monitoring through the various primitives and bitmaps of the picture.

Powerful Connectivity

Communicate with all kinds of industrial control equipments, monitor by acquisition of production signal from the industrial site.

Rich function modules

The alarm notice about the industrial site can be sent by picture, computer voice, Wechat, SMS, mail, ect to the relevant personnel. The network engineering enables that different projects can be client or server to each other, by sharing the data, the distributed control can be realized.

Strong Database

Record and store data. Make an analysis of real-time data and historical data to solve the production problems, improve production efficiency and improve product quality, etc.

Programmable command language

Provide to the user with the JavaScript programming language function.

System Security

Available to set security control level for project(such as security level, user level,etc), which can improve the security of the project.

Simulation function

Available to run in simulation, which ensures the project not to be affected by the actual devices. And it can be tested in the software, shortening the development cycle.



XIAMEN HAIWELL TECHNOLOGY CO., LTD.

Add: 7th Floor, Torch Hi-tech Building, No.3699,
Xiang'an North Road, Xiamen, Fujian, China P.C:361101

Tel: +86-592-2230312 Sales hotline: 400-036-0362

E-Mail: service@haiwell.com

Website: www.haiwell.com

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