

Haiwell PLC

Programmable Logic Controller






Classic PLC





8 Highlights

- Follow IEC-61131 standard and pass CE certification and ISO certification.
- Possess proprietary intellectual property rights and allow to customize PLC.
- Use expansion module as remote IO through RS485 or Ethernet port.
- Provide remote access to connect PLCs by Haiwell cloud.
- Allow Ethernet port and up to five RS232/RS485 serial ports to work together.
- Support Modbus TCP, Haiwellbus TCP, Modbus RTU/ASCII, Haiwellbus and the customized protocol.
- Support motion control including linear interpolation, circular interpolation, origin return, reverse clearance compensation and defining electrical origin.
- Innovative programming software which provides comprehensive simulation including Interpolation and communication.

C Series PLC MPU

Ethernet Model		Model		Specification				Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	Communication	Max Exp.	
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	

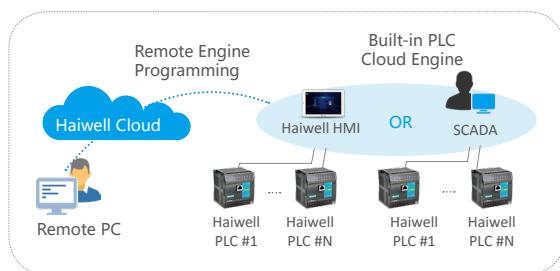
T Series PLC MPU

Ethernet Model		Model		Specification								Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	AI	AO	Pulse Input	Pulse Output	Communication	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	
T16M0R-e	T16M2R-e	T16M0R	T16M2R	8	6 Relay	1	1			RS232 + RS485, Max 5 ports	7	
T16M0T-e	T16M2T-e	T16M0T	T16M2T	8	6 Transistor NPN	1	1			RS232 + RS485, Max 5 ports	7	
T20M0R-e	T20M2R-e	T20M0R	T20M2R	8	6 Relay	4	2			RS232 + RS485, Max 5 ports	7	 131×95×82mm
T20M0T-e	T20M2T-e	T20M0T	T20M2T	8	6 Transistor NPN	4	2			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	
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	
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	

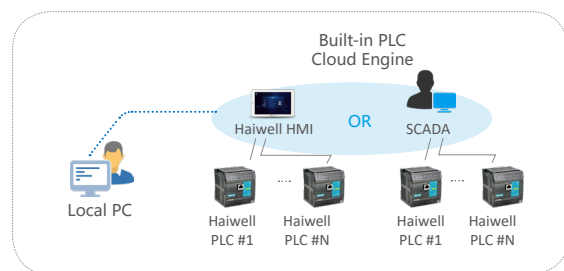
H Series PLC MPU

Ethernet Model		Model		Specification						Dimension WxHxD
24V DC	220V AC	24V DC	220V AC	DI	DO	Pulse Input	Pulse Output	Communication	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	6 Channels A/B phase, 12 points 200KHz	6 Channels A/B phase, 12 points 200KHz	RS232 + RS485, Max 5 ports	7	
H24S0P-e	H24S2P-e	H24S0P	H24S2P	12	12 Transistor PNP	6 Channels A/B phase, 12 points 200KHz	6 Channels A/B phase, 12 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	6 Channels A/B phase, 12 points 200KHz	6 Channels A/B phase, 12 points 200KHz	RS232 + RS485, Max 5 ports	7	
H32S0P-e	H32S2P-e	H32S0P	H32S2P	16	16 Transistor PNP	6 Channels A/B phase, 12 points 200KHz	6 Channels A/B phase, 12 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	
H40S0T-e	H40S2T-e	H40S0T	H40S2T	20	20 Transistor NPN	8 Channels A/B phase, 16 points 200KHz	8 Channels A/B phase, 16 points 200KHz	RS232 + RS485, Max 5 ports	7	
H40S0P-e	H40S2P-e	H40S0P	H40S2P	20	20 Transistor PNP	8 Channels A/B phase, 16 points 200KHz	8 Channels A/B phase, 16 points 200KHz	RS232 + RS485, Max 5 ports	7	 177×95×82mm
H60S0R-e	H60S2R-e	H60S0R	H60S2R	36	24 Relay	4 Channels A/B phase, 8 points 200KHz		RS232 + RS485, Max 5 ports	7	
H60S0T-e	H60S2T-e	H60S0T	H60S2T	36	24 Transistor NPN	8 Channels A/B phase, 16 points 200KHz	8 Channels A/B phase, 16 points 200KHz	RS232 + RS485, Max 5 ports	7	
H60S0P-e	H60S2P-e	H60S0P	H60S2P	36	24 Transistor PNP	8 Channels A/B phase, 16 points 200KHz	8 Channels A/B phase, 16 points 200KHz	RS232 + RS485, Max 5 ports	7	

- * Support linear interpolation, ARC interpolation, Synchronism pulse output
- * Support absolute address, relative address, Support backlash compensation
- * Support electric original point redefine etc.



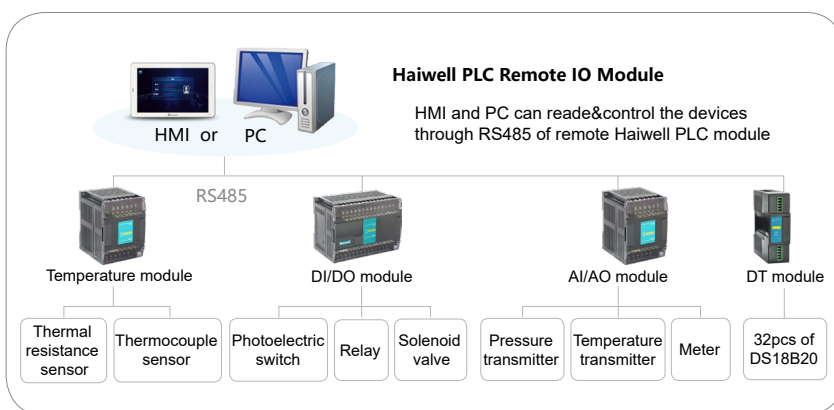
Remote Programming






Local Programming

Remote IO Functions



- All Haiwell PLC expansion modules which designed with RS485 port are support remote IO functions.
- It support parallel bus and serial bus, can work with PLC host or running independently.
- When using as remote IO modules, it can be insatalled independently without PLC system points limitation.
- Long distance. Fexible configuration. Low cost.






Digital I/O Modules

Ethernet Model	Model	Specification			Dimension WxHxD
24V DC	24V DC	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, supports remote IO function	 70×95×82mm
	H16DOR		16 Relay	RS485, supports remote IO function	
	H16DOT		16 Transistor NPN	RS485, supports remote IO function	
	H16DOP		16 Transistor PNP	RS485, supports remote IO function	
	H16XDR	8	8 Relay	RS485, supports remote IO function	
	H16XDT	8	8 Transistor NPN	RS485, supports remote IO function	
	H16XDP	8	8 Transistor PNP	RS485, supports remote IO function	
H24DI-e	H24DI	24		RS485, supports remote IO function	 93×95×82mm
H24XDR-e	H24XDR	12	12 Relay	RS485, supports remote IO function	
H24XDT-e	H24XDT	12	12 Transistor NPN	RS485, supports remote IO function	
H24XDP-e	H24XDP	12	12 Transistor PNP	RS485, supports remote IO function	
H40DI-e	H40DI	40		RS485, supports remote IO function	 131×95×82mm
H36DOR-e	H36DOR		36 Relay	RS485, supports remote IO function	
H36DOT-e	H36DOT		36 Transistor NPN	RS485, supports remote IO function	
H36DOP-e	H36DOP		36 Transistor PNP	RS485, supports remote IO function	
H40XDR-e	H40XDR	20	20 Relay	RS485, supports remote IO function	
H40XDT-e	H40XDT	20	20 Transistor NPN	RS485, supports remote IO function	
H40XDP-e	H40XDP	20	20 Transistor PNP	RS485, supports remote IO function	
H64XDR-e	H64XDR	32	32 Relay	RS485, supports remote IO function	 177×95×82mm
H64XDT-e	H64XDT	32	32 Transistor NPN	RS485, supports remote IO function	
H64XDP-e	H64XDP	32	32 Transistor PNP	RS485, supports remote IO function	


Analog I/O Modules

Ethernet Model	Model	Specification				Dimension WxHxD
24V DC	24V DC	AI	AO	Conversion Accuracy	Communication	
	S04AI	4		12 bits	RS485, supports remote IO function	 70×95×82mm
	S04AO		4	12 bits	RS485, supports remote IO function	
	S04XA	2	2	12 bits	RS485, supports remote IO function	
S08AI-e	S08AI	8		12 bits	RS485, supports remote IO function	 93×95×82mm
S08AO-e	S08AO		8	12 bits	RS485, supports remote IO function	
S08XA-e	S08XA	4	4	12 bits	RS485, supports remote IO function	


Temperature & Humidity Modules

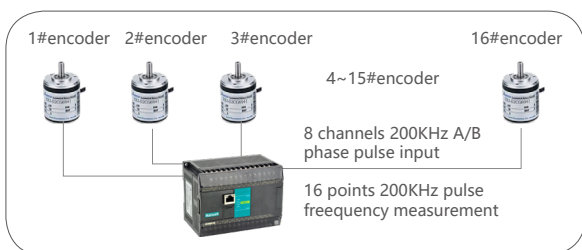
Ethernet Model	Model	Specification			Dimension WxHxD
24V DC	24V DC	Sensor	Conversion accuracy	Communication	
	H04DT	4 Channels DS18B20, RW1820 temperature sensor, DS1990 sensor or SHT1x, SHT7x temperature & humidity sensor	9~12 bits	/	 30×95×82mm
	H32DT	32 Channels DS18B20, RW1820 temperature sensor, DS1990 sensor	9~12 bits	RS485, supports remote IO function	
	H04RC	4 thermal resistance	16 bits	RS485, supports remote IO function	 70×95×82mm
	H04TC	4 thermocouple	16 bits	RS485, supports remote IO function	
	H08TC	8 thermocouple	16 bits	RS485, supports remote IO function	
H08RC-e	H08RC	8 thermal resistance	16 bits	RS485, supports remote IO function	 93×95×82mm

Load Cell Modules

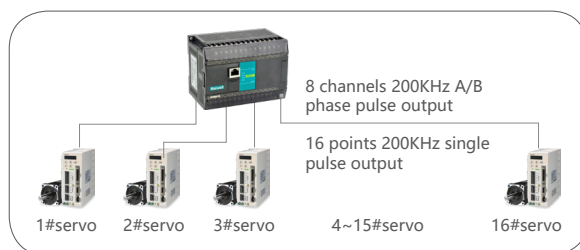
Model	Specification			Dimension WxHxD
24V DC	Specification	Conversion Accuracy	Communication	
H01WG	1 channel weighing	24 bits	RS485, supports remote IO function	 30×95×82mm
H02WG	2 channels weighing	24 bits	/	

Communication 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	Isolation module. With isolation Modbus RTU/ASCII protocol, freedom communication protocol, Haiwellbus high speed communication protocol, Baud rate 1200~115200bpsprotocol, Haiwellbus high speed communication protocol, Baud rate 1200~115200bps	




Haiwell PLC with 16 encoders



Haiwell PLC with 16 servos





海纳百川 诚信有为

XIAMEN HAIWELL TECHNOLOGY CO., LTD.

Headquarters: 13-14/F, C03 Building, Phase III Software Park,
Jimei District, Xiamen, Fujian, China
Factory: 4F, No. 336-2, Anbian Nan Road, Torch High-tech Zone
(Xiang 'an) Industrial Zone, Xiang 'an District, Xiamen, Fujian,
China. 361101
Tel: +86-592-2230312 Hotline: +86-4000-360-362
Email: service@haiwell.com
Website: www.haiwell.com



Haiwell APP



Haiwell Wechat

The parameters of product are subject to changes without prior notice. (Ver I - 202401)