



# Card-Type PLC



## 1+15

Single PLC MPU can expand 15 modules, up to 256 points



## Cloud Engine

Remote program & monitor PLC through Haiwell Cloud



## Motion Control

Supports 4 points 200 kHz high-speed pulse input and output



## Mix-type MPU

PLC MPU integrated with digital and analog IO



## Ethernet +


Support Ethernet + RS485 work simultaneously




## Easy Wiring

Direct pressure terminal block, easy connecting


### AC Series - Economic PLC MPU

Model	Specification							Dimension WxHxD(mm)	
	24VDC	DI	DO	AI	AO	COM Port	Power		Exp.
AC10S0R	6	4 Relay				TCP+485	<4.8W	3	 40×95×65
AC10S0T	6	4 Transistor NPN				TCP+485	<4.8W	3	
AC10S0P	6	4 Transistor PNP				TCP+485	<4.8W	3	
AC16S0R	8	8 Relay				TCP+485	<4.8W	3	
AC16S0T	8	8 Transistor NPN				TCP+485	<4.8W	3	
AC16S0P	8	8 Transistor PNP				TCP+485	<4.8W	3	
AC12M0R	4	4 Relay	2	2		TCP+485	<3.6W	3	
AC12M0T	4	4 Transistor NPN	2	2		TCP+485	<3.6W	3	
AC12M0P	4	4 Transistor PNP	2	2		TCP+485	<3.6W	3	

### AT Series - Standard PLC MPU



Model	Specification									Dimension WxHxD(mm)	
	24VDC	DI	DO	AI	AO	Pulse Input	Pulse Output	COM Port	Power		Exp.
AT16S0R	8	8 Relay				2 Channels A/B phase 4points 200K		TCP+485	<4.8W	15	 40×95×65
AT16S0T	8	8 Transistor NPN				2 Channels A/B phase 4points 200K	2 Channels A/B phase 4points 200K	TCP+485	<4.8W	15	
AT16S0P	8	8 Transistor PNP				2 Channels A/B phase 4points 200K	2 Channels A/B phase 4points 200K	TCP+485	<4.8W	15	
AT12M0R	4	4 Relay	2	2		1 Channel A/B phase 2points 200K		TCP+485	<3.6W	15	
AT12M0T	4	4 Transistor NPN	2	2		1 Channel A/B phase 2points 200K	1 Channel A/B phase 2points 200K	TCP+485	<3.6W	15	
AT12M0P	4	4 Transistor PNP	2	2		1 Channel A/B phase 2points 200K	1 Channel A/B phase 2points 200K	TCP+485	<3.6W	15	

### AH Series - High Performance PLC MPU


Model	Specification							Dimension WxHxD(mm)			
	24VDC	DI	DO	Pulse Input	Pulse Output	COM Port	Power.		Exp.		
AH16S0R	8	8Relay				4 Channels A/B phase 8points 200K		TCP+485	<4.8W	15	 40×95×65
AH16S0T	8	8 Transistor NPN				4 Channels A/B phase 8points 200K	4 Channels A/B phase 8points 200K	TCP+485	<4.8W	15	
AH16S0P	8	8 Transistor PNP				4 Channels A/B phase 8points 200K	4 Channels A/B phase 8points 200K	TCP+485	<4.8W	15	




## Digital I/O Modules

Model	Specification				Dimension WxHxD(mm)
24VDC	DI	DO	Power	COM Port	
A08DI	8		<2.4W	/	 25×95×65
A08DOR		8 Relay	<4.8W	/	
A08DOT		8 Transistor NPN	<4.8W	/	
A08DOP		8 Transistor PNP	<4.8W	/	
A08XDR	4	4 Relay	<2.4W	/	
A08XDT	4	4 Transistor NPN	<2.4W	/	
A08XDP	4	4 Transistor PNP	<2.4W	/	
A16DI	16		<2.4W	/	
A16DOR		16 Relay	<8.4W	/	 25×95×65
A16DOT		16 Transistor NPN	<8.4W	/	
A16DOP		16 Transistor PNP	<8.4W	/	
A16XDR	8	8 Relay	<4.8W	/	
A16XDT	8	8 Transistor NPN	<4.8W	/	
A16XDP	8	8 Transistor PNP	<4.8W	/	


## Analog I/O Modules

Model	Specification				Dimension WxHxD(mm)	
24VDC	AI	AO	Conversion Accuracy	Power		COM Port
A04AI	4		12bit	<2.4W	/	 25×95×65
A04AO		4	12bit	<2.4W	/	
A04XA	2	2	12bit	<2.4W	/	
A08AI	8		12bit	<2.4W	/	
A08AO		8	12bit	<3.6W	/	
A08XA	4	4	12bit	<3.6W	/	

## Temperature I/O Modules

Model	Specification				Dimension WxHxD(mm)
24VDC	Sensor Type	Conversion Accuracy	Power	COM Port	
A04TC	4 Thermocouple	16bit	<2.4W	/	 25×95×65
A04RC	4 Thermal Resistance	16bit	<2.4W	/	
A08TC	8 Thermocouple	16bit	<2.4W	/	
A04DT	4 Channels digital temperature & humidity sensor	9~12bit	<2.4W	/	

## Communication I/O Modules

Model	Specification	Power	Dimension WxHxD(mm)
A01RS	With isolation, 1 RS232/RS485 communication port. Supports Modbus RTU/ASCII, Freedom communication protocol, Haiwellbus, 1200~115200bps and 8,N,1	<2.4W	 25×95×65



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The parameters of product are subject to changes without prior notice. (Ver. I - 201909)