

Control Technology 2500 Series

Supported Series: CTI 2500 Series PLCs (Classic and Compact): C100, C200, C300 and C400.

Website: <http://www.controltechnology.com/>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Control Technology 2500 Series		NITP protocol
PLC I/F	RS232	RS232, RS485 4W	
Baud rate	19200	19200	
Data bits	7	7	
Parity	Odd	Odd	
Stop bits	1	1	
PLC sta. no.	0	Does not apply	

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	CR	DDDDD	1 ~ 65535	Internal Relay
B	X	DDDDD	1 ~ 65535	Discrete Input Coils
B	Y	DDDDD	1 ~ 65535	Discrete Output Coils
B	V_Bit	DDDDDdd	101 ~ 6553616	User Data Register Bits
W	V	DDDDD	1 ~ 65535	User Data Registers
DW	VD	DDDDD	1 ~ 65536	User Data Registers (32bit)
W	STW	DDDDD	1 ~ 65535	Status Word Registers
W	TCP	DDDDD	1 ~ 65535	Timer/Counter Preset Values
W	TCC	DDDDD	1 ~ 65535	Timer/Counter Current Values
W	WX	DDDDD	1 ~ 65535	Word Discrete Inputs
W	WY	DDDDD	1 ~ 65535	Word Discrete Outputs

Note: Because VD (double word) will do high and low word conversion, avoid mixing V and VD when performing data transfer and macro.

Wiring Diagram:

Diagram 1

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.



Diagram 2

RS-485 4W

The serial port pin assignments may vary between HMI models, please click the following link for more information.

