

Omron CJ2M TCP

HMI Factory Setting:

Baud rate: 9600, 7, Even, 2 (RS-232)

Controller Station Number: 0

Control Area / Status Area: D0 / D10

Connection

Standard Jumper Cable / Network Cable without jumper (Auto-detected by HMI)

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Bank No.(m) Word No.(n)			
CIO area	CIO _n	CIO0 - CIO6143	Word	
Hold area	H _n	H0 - H1535	Word	
Auxiliary area	A _n	A0 - A447, A448 - A1474, A10000 - A11535	Word	1
DM area	D _n	D0 - D32767	Word	
EM area	Em.n	E0.0 - E3.65535	Word	
Timer PVs	T _n	T0 - T4095	Word	
Counter PVs	C _n	C0 - C4095	Word	
Work area	W _n	W0 - W511	Word	
EM Current Bank area	EM _n	EM0 - EM32767	Word	
Index Register	IR _n	IR0 - IR15	Double Word	
DR area	DR _n	DR0 - DR15	Word	
TK area	TK _n	TK0 - TK127	Byte	2

b. Contacts

Type	Format	Read/Write Range	Note
	Bank No.(m) Word No.(n) Bit No.(b)		
CIO area	CIOB _{nbb}	CIOB000 - CIOB614315	
Hold area	HB _{nbb}	HB000 - HB153515	

Auxiliary area	AB nbb	AB000 - AB44715, AB44800 - AB147115, AB1000000 - AB1153515	1
DM area	DB nbb	DB000 - DB3276715	
EM area	EB m.nbb	EB0.000 - EB3.3276715	
Timer area	TB b	TB0 - TB4095	Read only
Counter area	CB b	CB0 - CB4095	Read only
Work area	WB nbb	WB000 - WB51115	
EM Current Bank area	EMB nbb	EMB000 - EMB3276715	Read only
Index Register	IRB nbb	IRB000 - IRB1531	
DR area	DRB nbb	DRB000 - DRB1515	Read only
TK area	TKB nbb	TKB000 - TKB12715	2 ,Read only

 **NOTE**

- 1) **A0 - A447, A10000 - A11535** are read only, **AB000 - AB44715, AB1000000 - AB1153515** are read only.
- 2) The address of register TK must be an even number.