

## Omron CJ/NJ Series FINS TCP

### HMI Factory Setting:

Controller IP Address: 192.168.0.1

Controller Ethernet Port: 9600

Controller Station Number: 0

Control Area / Status Area: D0/D10

Applicable models: DOP-B / DOP-W / DOP-H / HMC series · DOP-100

### 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 <sub>n</sub>	CIO0 - CIO6143	Word	
Hold area	H <sub>n</sub>	H0 - H1535	Word	
Auxiliary area	A <sub>n</sub>	A0 - A447, A448 - A1474, A10000 - A11535	Word	<a href="#">1</a>
DM area	D <sub>n</sub>	D0 - D32767	Word	
EM area	Em.n	E0.0 - E3.65535	Word	
Timer PVs	T <sub>n</sub>	T0 - T4095	Word	
Counter PVs	C <sub>n</sub>	C0 - C4095	Word	
Work area	W <sub>n</sub>	W0 - W511	Word	
EM Current Bank area	EM <sub>n</sub>	EM0 - EM32767	Word	
Index Register	IR <sub>n</sub>	IR0 - IR15	Double Word	
DR area	DR <sub>n</sub>	DR0 - DR15	Word	
TK area	TK <sub>n</sub>	TK0 - TK127	Byte	<a href="#">2</a>

#### b. Contacts

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

Auxiliary area	<b>ABnbb</b>	<b>AB000 - AB44715,</b> <b>AB44800 - AB147115,</b> <b>AB1000000 - AB1153515</b>	<a href="#">1</a>
DM area	<b>DBnbb</b>	<b>DB000 - DB3276715</b>	
EM area	<b>EBm.nbb</b>	<b>EB0.000 - EB3.3276715</b>	
Timer area	<b>TBb</b>	<b>TB0 - TB4095</b>	Read only
Counter area	<b>CBb</b>	<b>CB0 - CB4095</b>	Read only
Work area	<b>WBnbb</b>	<b>WB000 - WB51115</b>	
EM Current Bank area	<b>EMBnbb</b>	<b>EMB000 - EMB3276715</b>	Read only
Index Register	<b>IRBnbb</b>	<b>IRB000 - IRB1531</b>	
DR area	<b>DRBnbb</b>	<b>DRB000 - DRB1515</b>	Read only
TK area	<b>TKBnbb</b>	<b>TKB000 - TKB12715</b>	<a href="#">2</a> ,Read only



- 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.