

# OMRON CJ1/CS1

OMRON CP1L, CP1H, CJ1M, CJ1H, CJ1G, CS1H and CS1G. (Host Link Protocol FINS command), this driver supports Extend Addressing mode.

<http://oeiweb.omron.com/oei/Products-PLC.htm>

## HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	OMRON CJ1/CS1		
Com port	RS232	RS232, RS422, RS485	
Baud rate	9600	9600~115200	
Parity bit	Even	Even, Odd, None	
Data Bits	7	7 or 8	
Stop Bits	2	1 or 2	
HMI Station No.	0		
PLC Station No.	0	0-31	<b>Host Link Station No.</b>

## PLC Setting:

Communication mode	<b>Host Link protocol</b>
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## Device address:

Bit/Word	Device Type	Format	Range	Memo
Bit	D_bit	ddd(dd)	ddd:0~32767 (dd): 0~15	Data Memory (DM)
Bit	H_bit	ddd(dd)	ddd:0~511 (dd): 0~15	Holding Area (HR)
Bit	W_bit	ddd(dd)	ddd:0~511 (dd): 0~15	Work Area (WR)
Bit	CIO_bit	ddd(dd)	ddd:0~6143 (dd): 0~15	Channel I/O (CIO)
Bit	A_bit	ddd(dd)	ddd:0~959 (dd): 0~15	Auxiliary Relay (AR)
Bit	T_bit	ddd	ddd:0~4095	Timer (TIM)
Bit	C_bit	ddd	ddd:0~4095	Counter (CNT)
Word	D	ddd	ddd:0~32767	Data Memory (DM)
Word	H	ddd	ddd:0~511	Holding Area (HR)
Word	W	ddd	ddd:0~511	Work Area (WR)
Word	CIO	ddd	ddd:0~6143	Channel I/O (CIO)
Word	A	ddd	ddd:0~959	Auxiliary Relay (AR)
Word	T	ddd	ddd:0~4095	Timer (TIM)
Word	C	ddd	ddd:0~4095	Counter (CNT)

# Wiring diagram:

RS-232:

**MT8000 RS232**

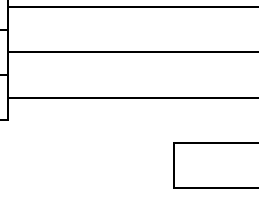
9P D-SUB Female

COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

**OMRON**

CPU RS-232 9P  
D-SUB Female

3 RD
2 SD
9 GND
4 RS
5 CS



CP1H/CP1L CP1W-CIF11 RS422

**MT8000**

**COM1 [RS-485] 4w**

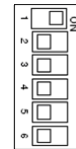
9P D-SUB Male

1 RX-
2 RX+
3 TX-
4 TX+
5 GND

**CP1W-CIF11**

**RS422 Port**

SDA
SDB
RDA
RDB
FG



CP1W-CIF11

SW1 ON  
OFF  
OFF  
OFF  
OFF  
OFF

