

# HITACHI EHV

HITACHI Web site: <http://www.hitachi-ies.co.jp/english/products/plc/index.htm>

## HMI Setting:

Parameters	recommend	Option	Notes
PLC type	HITACHI EHV		
Com port	Ethernet		
Port no.	3004	3004~3007	

## Device address:

Bit/Word	Device type	Format	Range	Memo
B	X	hhhh(h)	0~FFFF(F)	External Input-bit(X)
B	Y	hhhh(h)	0~FFFF(F)	External Output-bit(Y)
B	M	hhhh(h)	0~FFFF(F)	Data area-bit(M)
B	T	dddd	0~65535	Timer(T)
B	R	hhhh(h)	0~FFFF(F)	Internal Output(R)
B	L	hhhh(h)	0~FFFF(F)	Link area-bit(L)
W	TC	dddd	0~2559	Timer/Counter current value
W	WX	hhhh	0~FFFF	External Input-word(X)
W	WY	hhhh	0~FFFF	External Output-word(Y)
W	WR	hhhh	0~FFFF	Internal Output-word(R)
W	WL	hhhh	0~73FF	Link area-word(L)
W	WM	hhhh	0~7FFF	Data area-word(M)

## Wiring diagram:

Ethernet:

MT8000 Ethernet RJ45			Wire color	Ethernet Hub or Switch RJ45		
1	TX+	White/Orange		1	RX+	
2	TX-	Orange		2	RX-	
3	RX+	White/Green		3	TX+	
4	BD4+	Blue		4	BD4+	
5	BD4-	White/Blue		5	BD4-	
6	RX-	Green		6	TX-	
7	BD3+	White/Brown		7	BD3+	
8	BD3-	Brown		8	BD3-	



Ethernet: Direct connect (crossover cable)

MT8000 Ethernet RJ45			Wire color	HITACHI EVH Ethernet RJ45		
1	TX+	White/Orange		3	RX+	
2	TX-	Orange		6	RX-	
3	RX+	White/Green		1	TX+	
4	BD4+	Blue		4	BD4+	
5	BD4-	White/Blue		5	BD4-	
6	RX-	Green		2	TX-	
7	BD3+	White/Brown		7	BD3+	
8	BD3-	Brown		8	BD3-	

Note: This driver is able to use ON-line simulation.