

Trio MODBUS RTU, TCP/IP (Mode 7)

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

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Trio MODBUS RTU, TCP/IP (Mode 7)		
PLC I/F	RS485	RS232/RS485/Ethernet	
Baud rate	9600	9600~115200	
Data bits	8	7, 8	
Parity	Even	Even, Odd, None	
Stop bits	1	1, 2	
Port no.	502		
PLC sta. no.	1	0-255	

Online simulator	YES	Broadcast command	YES
Extend address mode	YES		

PLC Setting:

Communication mode	Modbus RTU protocol
PLC mode	7 (IEEE floating point)

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	VR_Bit	DDDDDDdd	0 ~ 1638431	
B	VR_INT_Bit	DDDDDDdd	0 ~ 1638431	
B	Table_Bit	DDDDDDdd	0 ~ 3199931	
B	Table_INT_Bit	DDDDDDdd	0 ~ 3199931	
W	VR	DDDDD	0 ~ 16384	
W	VR_INT	DDDDD	0 ~ 16384	
W	Table	DDDDD	0 ~ 31999	
W	Table_INT	DDDDD	0 ~ 31999	

Wiring Diagram:

Diagram 1

RS-232

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

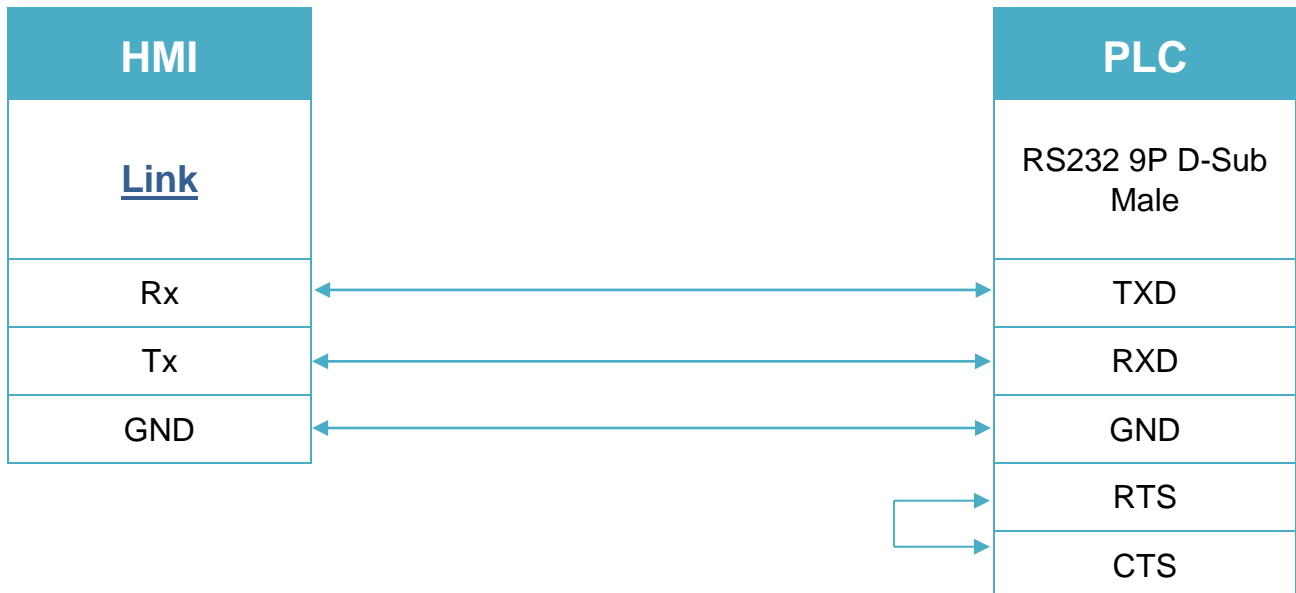


Diagram 2

RS-485 2W

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

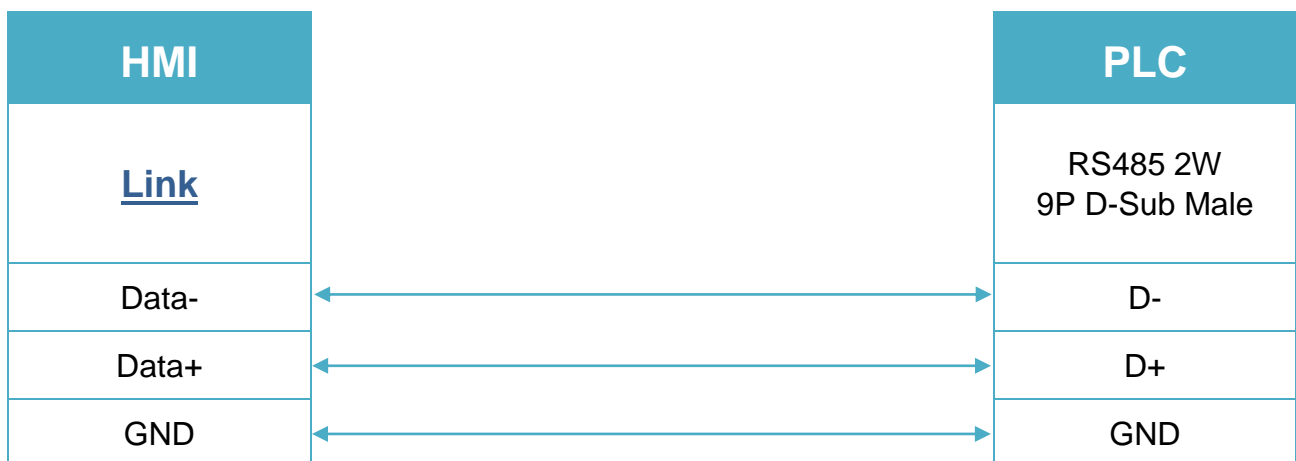


Diagram 3

RS-485 4W

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

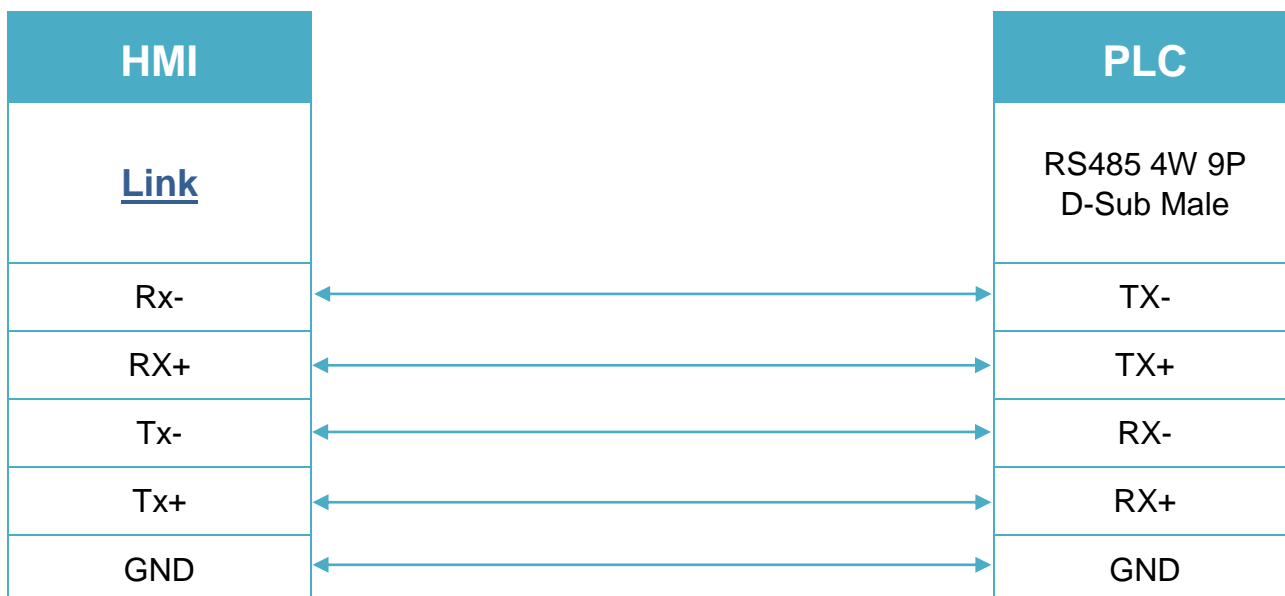


Diagram 4

Etehernet cable:

