

# Weintek Remote IO (MODBUS TCP/IP)

Supported Series: Weintek Remote IO (iR-ETN)

## **HMI Setting:**

Parameters	Recommended	Options	Notes
PLC type	Weintek Remote IO	(MODBUS TCP/IP)	
PLC I/F	Ethernet		
Port no.	502		
PLC sta. no.	1	0~255	

#### **Device Address:**

Bit/Word	Device type	Format	Range	Memo
В	0x	DDDDD	0 ~ 65535	Output bit
В	0x_single_Bit	DDDDD	0 ~ 65535	
В	0x_multi_coils	DDDDD	0 ~ 65535	Write multiple coils
В	1x	DDDDD	0 ~ 65535	Input bit (read only)
В	1x_single_Bit	DDDDD	0 ~ 65535	
В	3x_bit	DDDDDdd	0 ~ 6553515	Input Register bit(read
В	4x_bit	DDDDDdd	0 ~ 6553515	Output Register bit
В	6x_bit	DDDDDdd	0 ~ 6553515	Output Register bit
W	3x	DDDDD	0 ~ 65535	Input Register
DW	3x_Double	DDDDD	0 ~ 65535	*Note1
W	4x	DDDDD	0 ~ 65535	Output Register
DW	4X_Double	DDDDD	0 ~ 65535	*Note1
DW	5x	DDDDD	0 ~ 65535	4x double word swap
W	6x	DDDDD	0 ~ 65535	4x single word write
W	4x string central europe	DDDDD	0 ~ 65535	Convert the Central Europe ASCII to Unicode.
W	4x string central europe (rev)	DDDDD	0 ~ 655355	

Note1: Go the [System Parameter Settings] -> [Device Properties] and click [Conversion] to set the data format of device types 3x, 4x, 6x, 3x\_double, 4x double.



Con	version ×
3x 🗌 AB -> BA	
4x ✔ AB -> BA	
6x 🗌 AB -> BA	
3x_Double	
AB -> BA	ABCD -> DCBA
4x_Double	
I AB -> BA	ABCD -> DCBA
* AB : 16-bit type, ABCD : 32-	bit data
	DK Cancel

### How to Import Tags:

Step1. EasyRemoteIO export tag



Step2. EasyBuilder Pro -> System Parameter Settings -> Device (Driver) -> Import Tags

	Address tag name 🔺	Address mode	address	Comment	1
-	iR-ETN.#1: iR-DM16-N.Digital Input #0	Bit	1x-0		
-	iR-ETN.#1: iR-DM16-N.Digital Input #1	Bit	1x-1		
-	iR-ETN.#1: iR-DM16-N.Digital Input #2	Bit	1x-2		
-	iR-ETN.#1: iR-DM16-N.Digital Input #3	Bit	1x-3		
-	iR-ETN.#1: iR-DM16-N.Digital Input #4	Bit	1x-4		
-	iR-ETN.#1: iR-DM16-N.Digital Input #5	Bit	1x-5		
-	iR-ETN.#1: iR-DM16-N.Digital Input #6	Bit	1x-6		
-	iR-ETN.#1: iR-DM16-N.Digital Input #7	Bit	1x-7		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5108		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5109		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5110		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5111		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5112		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5113		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5114		
-	iR-ETN.#1: iR-DM16-N.Digital Input	Word	3x-5115		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-0		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-1		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-2		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-3		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-4		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-5		
-	iR-ETN.#1: iR-DM16-N.Digital Output	Bit	0x-6		
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# Wiring Diagram:

#### **Diagram 1**

#### Ethernet cable:

