
Edgelink Configuration

1. Add Device

Ethernet

The screenshot shows the 'Add Device' configuration window. It includes the following fields and options:

- Enable
- Name:
- Device Type:
- Device Model:
- Unit Number:
- Tag Write Type:
- Description:
- Add device name as prefix to IO tags
-

Below the main configuration is a section for TCP/IP settings:

- TCP/IP
- IP/Domain:
- Port Number:

Device Type: Choose Panasonic driver

Unit Number: Anyone is ok. It is meaningless.

IP and port: PLC's IP and port.

The 'Extention Properties' dialog box contains the following fields:

- Device Address (if other than Unit Number):
- Source Station No.:
- Destination Station No.:
- Block Size:
- TCP/UDP(0/1):
- Header: %/<(0/1):

Source Station No.: Gateway's Station number. Not the same as the number in the network is ok.

Destination Station No.: PLC's Station Number.

Block Size: Tag counts in one data message. Usually stay default.

TCP/UDP: 0 is TCP, 1 is UDP

Header: %/< (0/1) : The header of the message. 0 is starting with %, 1 is starting with >

Serial

The 'General Information' dialog box contains the following fields and options:

- Enable
- Name:
- Device Type:
- Device Model:
- Unit Number:
- Tag Write Type:
- Description:
- Add device name as prefix to IO tags
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The 'Extention Properties' section contains:

- Block Size:
- Header: %/<(0/1):

Device Type: Choose Panasonic driver

Unit Number: PLC's Station Number

Block Size: Register counts in one request. Usually stay default.

Header: %/< (0/1) : The header of the message。 0 is starting with %, 1 is starting with >

2. Add Tags

The 'New Tag' dialog box is shown with the following configuration:

- Name:
- Data Type:
- Conversion:
- Address:
- Start Bit:
- Length(bit):
- Span High:
- Span Low:
- Initial Value:
- Scan Rate:
- Read/Write:
- Description:

The 'Advanced' tab is also visible, showing:

- Scaling Type:
- Formula:
- Scale:
- Offset:
- Clamp to span low
- Clamp to span high
- Clamp to zero

The 'Default Address Configuration' sub-dialog box is open, showing:

- Address Template:
- Address:
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Parameter	Type	Address	Description
AO_DT	Analog	D00000	Data (Data Registry)
AO_EV	Analog	K0000	Data (Timer/Counter Elapsed Value)
AO_FL	Analog	F00000	Data (File Registry)
AO_ID	Analog	ID	Data (Index Registry 0 & 1)
AO_IX	Analog	IX	Data (Index Registry 0)
AO_IY	Analog	IY	Data (Index Registry 1)
AO_LD	Analog	L0000	Data (Link Data Registry)
AO_SR	Analog	R000	Data (System Registry)
AO_SV	Analog	S0000	Data(Timer/Counter Value)
AO_WL	Analog	WL0000	Data (Link Relay)
AO_WR	Analog	WR0000	Data (Internal Relay)
AO_WX	Analog	WX0000	Data (External Input Relay)
AO_WY	Analog	WY0000	Data (External Output Relay)
C	Digital	C0000	Counter
DI_C	Digital	C0000	Contact (Counter)
DI_T	Digital	T0000	Contact (Timer)
DO_L	Digital	L000X	Contact (Link Relay)
DO_R	Digital	R000X	Contact (Internal Relay)
DO_X	Digital	X000X	Contact (External Input)
DO_Y	Digital	Y000X	Contact (External Output)