

Rockwell MicroLogix

Refer to these sections for details:

- [Supported Series](#)
- [PLC Connection Settings](#)
- [PLC Configuration](#)
- [LoopEdge DeviceHub Configuration](#)
- [Device Addresses](#)

Supported Series


Rockwell Automation Allen-Bradley MicroLogix 1100, 1400, SLC5/05 Ethernet port. MicroLogix1000, 1200, 1500, SLC 5/03, 5/04 with 1761-NET-ENI.

Website: <http://ab.rockwellautomation.com/>

PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Rockwell EtherNet/IP (DF1/MicroLogix)		
PLC Interface	Ethernet		
Port #	44818		
HMI Station #	0		
PLC Station #	1		

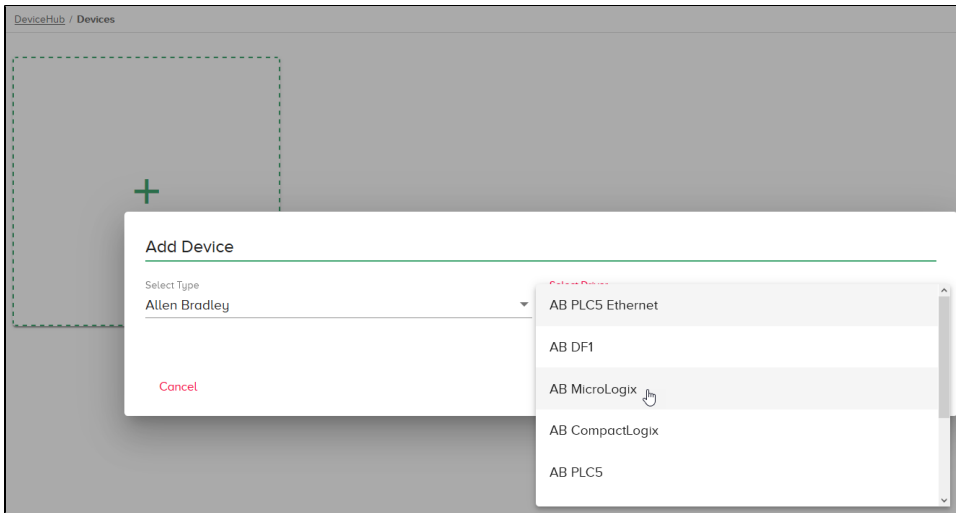
PLC Configuration

 Communication mode: Port Setting: 10/100 Mbps Full Duplex/Half Duplex

LoopEdge DeviceHub Configuration

To configure DeviceHub for this MicroLogix PLC:

1. **DeviceHub > Add Device**
Type: Allen-Bradley
Driver: AB MicroLogix



2. Enter details specific to your environment and click **Add Device**.

Add Device

Select Type: **Allen Bradley** Select Driver: **AB MicroLogix**

Name: _____
This is a Device Name.

Description: _____
This is a description of device.

Network Address: **192.168.0.1** Network Port: **44818**
This is a IP Address of device. This is a network port of device.

Slot Number: **0**
This is a slot number of communication module in Rockwell PLC.

 Cancel

Device Addresses

Bit /Word	Device Type	Format	Range	Description
B	I	DDDdd	0 ~ 25515	Input (I)
B	O	DDDdd	0 ~ 25515	Output (O)
W	S	DDD	0 ~ 255	Status (S)
B	B3	DDDdd	0 ~ 25515	Bit data file (B3)
B	Bfn	FFFDDdd	100000 ~ 25525515	Bit data file (B3, 10 - 254)
W	T4.ACC	DDD	0 ~ 255	
W	T4.PRE	DDD	0 ~ 255	
W	Tfn.ACC	FFFDDD	1000 ~ 255255	
W	Tfn.PRE	FFFDDD	1000 ~ 255255	
W	C5.ACC	DDD	0 ~ 255	
W	C5.PRE	DDD	0 ~ 255	

W	Cfn.ACC	FFFDDD	1000 ~ 255255	
W	Cfn.PRE	FFFDDD	1000 ~ 255255	
W	R6	DDD	0 ~ 255	
W	R6.POS	DDD	0 ~ 255	
W	R6.LEN	DDD	0 ~ 255	
W	Rfn	FFFDDD	0 ~ 255255	
W	Rfn.POS	FFFDDD	0 ~ 255255	
W	Rfn.LEN	FFFDDD	0 ~ 255255	
W	N7	DDD	0 ~ 255	Integer data file (N7)
W	Nfn	FFFDDD	1000 ~ 255999	Integer data file (N7, 10 ~ 254)
W	Lfn	FFFDDD	1000 ~ 255999	
W	F8	DDD	0 ~ 255	Floating point data file (F8)
W	Ffn	FFFDDD	1000 ~ 255999	