

# Mitsubishi FX5U-Ethernet ASCII

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## Supported Series

Mitsubishi FX5U Ethernet ASCII module.

**Website:** <http://www.mitsubishi-automation.com/>

## PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Mitsubishi FX5U - ASCII mode (Ethernet)		
PLC Interface	Ethernet		
Port #	Identical to PLC setting		Recommend: 4999
PLC Station #	255		
Network Number	0	0~999	

## PLC Configuration

The setup shown here is for the Mitsubishi FX5U Ethernet ASCII module.



Online Simulator: Yes

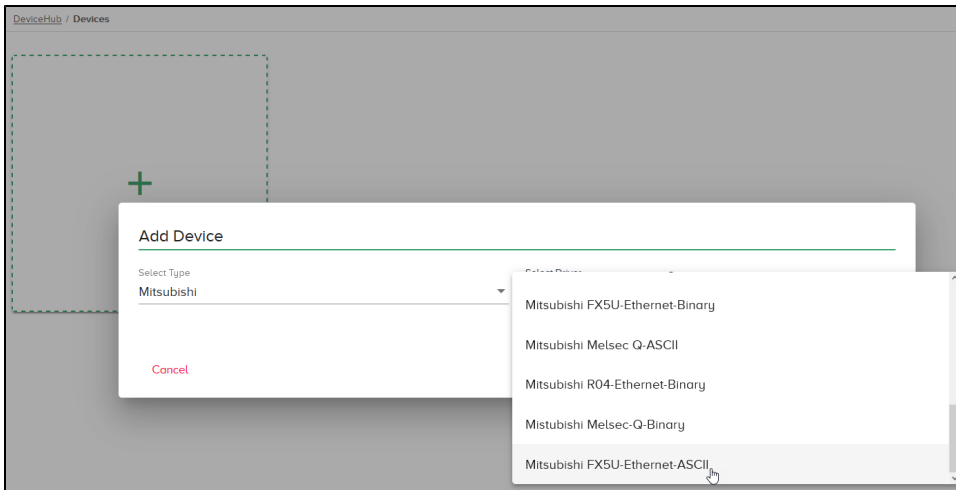
Communication Data Code: ASCII

- Configure multiple Ethernet port numbers in Mitsubishi GX Works3: **Project > Parameter > FX5UCPU > Module Parameter > Ethernet Port > Setting Item > External Device Configuration > Detailed Setting**

## LoopEdge DeviceHub Configuration

To configure DeviceHub for this Mitsubishi FX5U PLC:

1. **DeviceHub > Add Device**  
**Type:** Mitsubishi  
**Driver:** Mitsubishi FX5U-Ethernet-ASCII



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

### Add Device

Select Type: **Mitsubishi**      Select Driver: **Mitsubishi FX5U-Ethernet-ASCII**

Name: \_\_\_\_\_  
This is a Device Name.

Description: **mitsubishi device**  
This is a description of device.

Network Address: **192.168.0.1**      Network Port: **5002**  
This is a IP Address of device.      This is a network port of device.

Station Id: **255**

   Cancel

## Device Addresses

Bit /Word	Device Type	Format	Range	Description
B	SM	DDDD	0 ~ 9999	Special Relay
B	X	O000	0 ~ 1023	Input Relay
B	Y	O000	0 ~ 1023	Output Relay
B	M	DDDDD	0 ~ 65535	Internal Relay
B	L	DDDDD	0 ~ 32237	Latch Relay
B	F	DDDDD	0 ~ 32237	Annunciator
B	B	DDDDD	0 ~ 32237	Link Relay
B	TS	DDDD	0 ~ 1023	Timer Contact
B	TC	DDDD	0 ~ 1023	Timer Coil
B	SS	DDDD	0 ~ 1023	Retentive Timer Contact
B	SC	DDDD	0 ~ 1023	Retentive Timer Coil

B	CS	DDDD	0 ~ 1023	Counter Contact
B	CC	DDDD	0 ~ 1023	Counter Coil
B	SB	DDDDD	0 ~ 32737	Special Link Relay
B	S	DDDD	0 ~ 4095	Step relay
DW	LZ	D	0 ~ 1	Long Index Register
W	SD	DDDDD	0 ~ 11999	Special register
W	D	DDDD	0 ~ 7999	Data Register
W	R	DDDDD	0 ~ 32767	File Register
W	W	DDDDD	0 ~ 32767	Link Register
W	TN	DDDD	0 ~ 1023	Timer Current value
W	SN	DDDD	0 ~ 1023	Retentive Timer Current value
W	CN	DDDD	0 ~ 1023	Counter Current value
W	SW	DDDDD	0 ~ 32767	Special Link Register
W	Z	DD	0 ~ 19	Index Register