

# 1. Introduction to Mitsubishi Q Series Driver

## 1.1 Mitsubishi Q Configuration

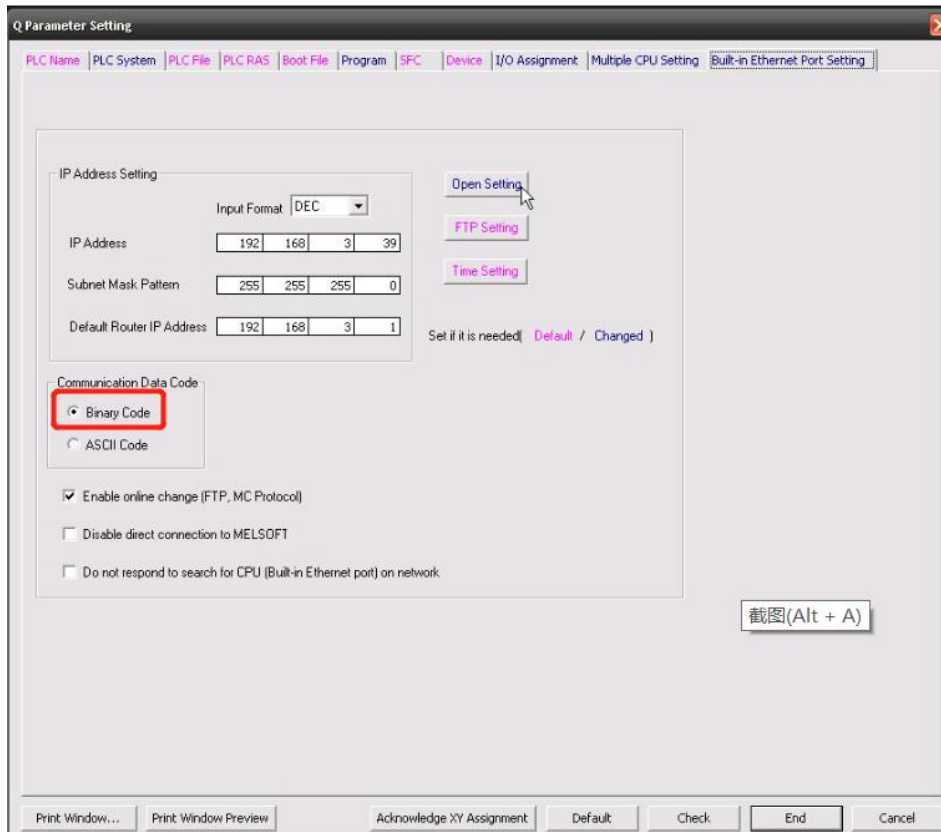
Mitsubishi Q Series PLC is modular type PLC with Ethernet port and other types of connectors depending on the modules.



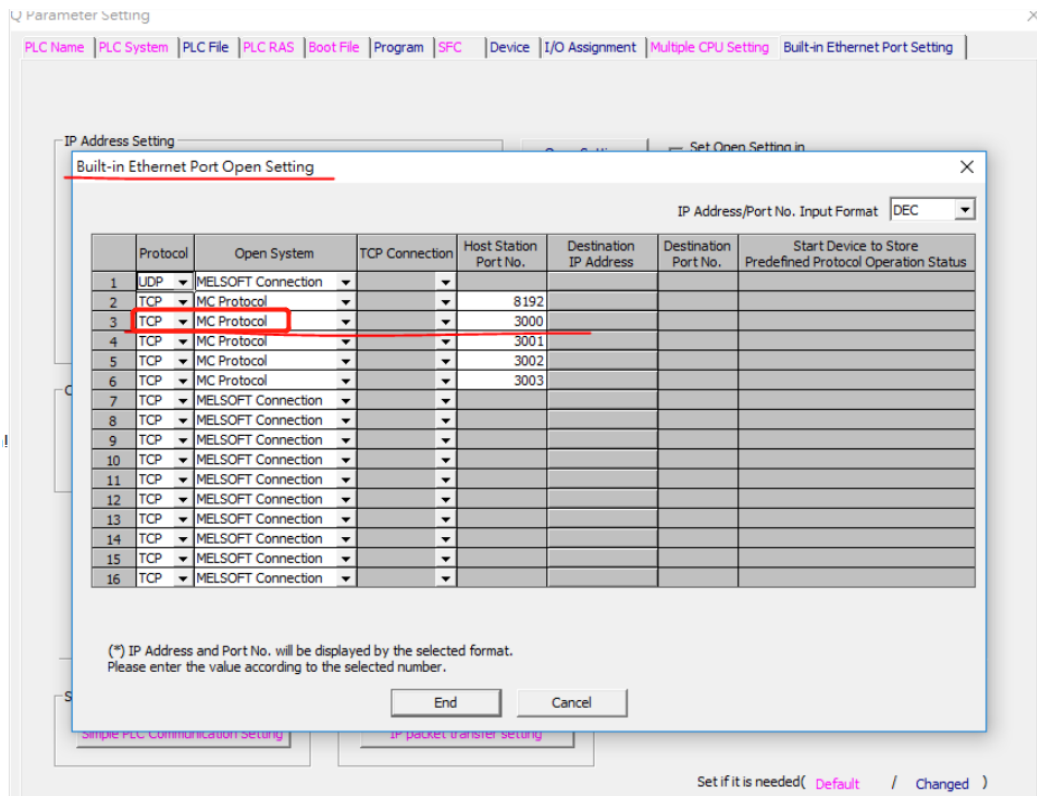
Figure 1.1 Mitsubishi Q Series

The MitsuQ driver will connect and read data directly from the PLC using the Ethernet port.

PLC Setting Note:



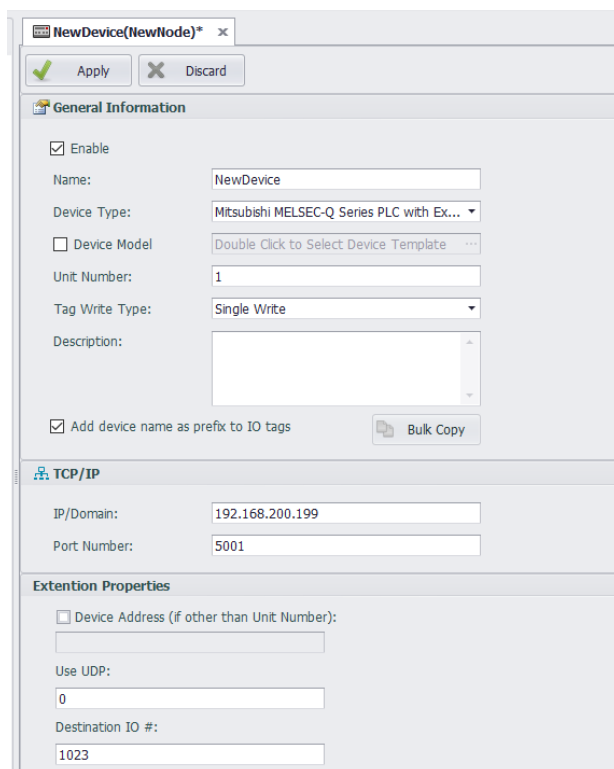
Communication Data Code: Should be Binary Code. (Edgelinek only support this so far)



Protocol: TCP or UDP  
Open System: MC Protocol

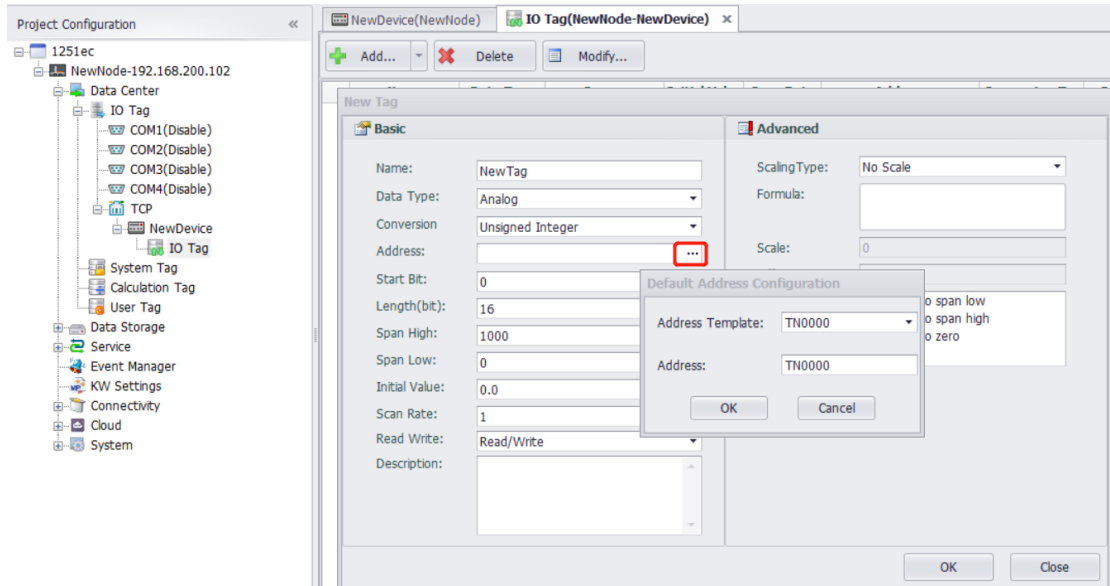
## 2. Edgeline Configuration

### 2.1 Add Device under TCP Port



- Unit Number:** Anyone is ok.
- IP and Port:** Follow the PLC setting.
- Use UDP:** 0 is no (TCP), 1 is yes (UDP).
- Destination IO#:** Stay default.

## 2.2 Add Tags



We have address Template for customer to use. Below is the details.

Parameter	Date Type	Description	Address format
CN	Analog	Counter Current	CN0000
D	Analog	Data Register	D00000
R	Analog	File Register	R00000
SD	Analog	Special Register	SD0000
SN	Analog	Retentive Timer Current	SN0000
SW	Analog	Special Link Register	SW0000
TN	Analog	Timer Current	TN0000
W	Analog	Link Register	W0000
Z	Analog	Index Register	Z0000
ZR	Analog	File Register	ZR00000
B	Discrete	Link Relay	B0000
CC	Discrete	Counter Coil	CC0000
CS	Discrete	Counter Contact	CS0000
DX	Discrete	Direct Inout	DX0000
DY	Discrete	Direct Output	DY0000
F	Discrete	Annunciator	F0000
L	Discrete	Latch Relay	L0000
M	Discrete	Internal Relay	M0000
S	Discrete	Step Relay	S0000
SB	Discrete	Special Link Relay	SB0000

SC	Discrete	Retentive Timer Coil	SC0000
SM	Discrete	Special Relay	SM0000
SS	Discrete	Retentive Timer Contact	SS0000
TC	Discrete	Timer Coil	TC0000
TS	Discrete	Timer Contact	TS0000
V	Discrete	Edge Relay	V0000
X	Discrete	Input Relay	X0000
Y	Discrete	Output Relay	Y0000