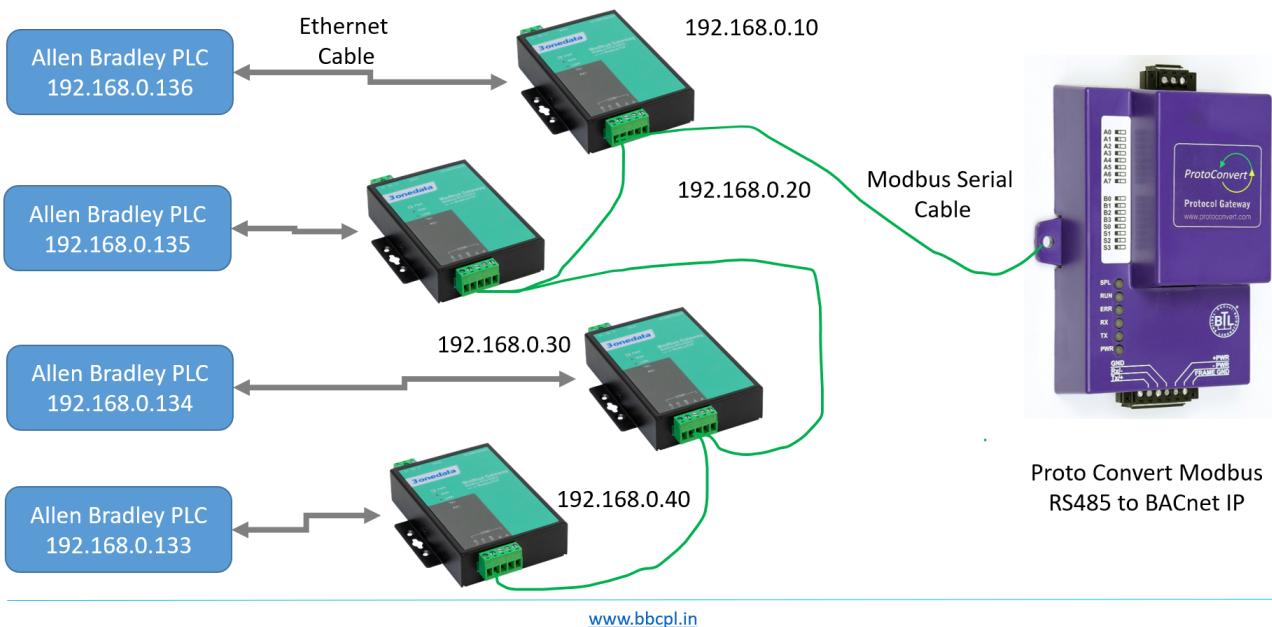
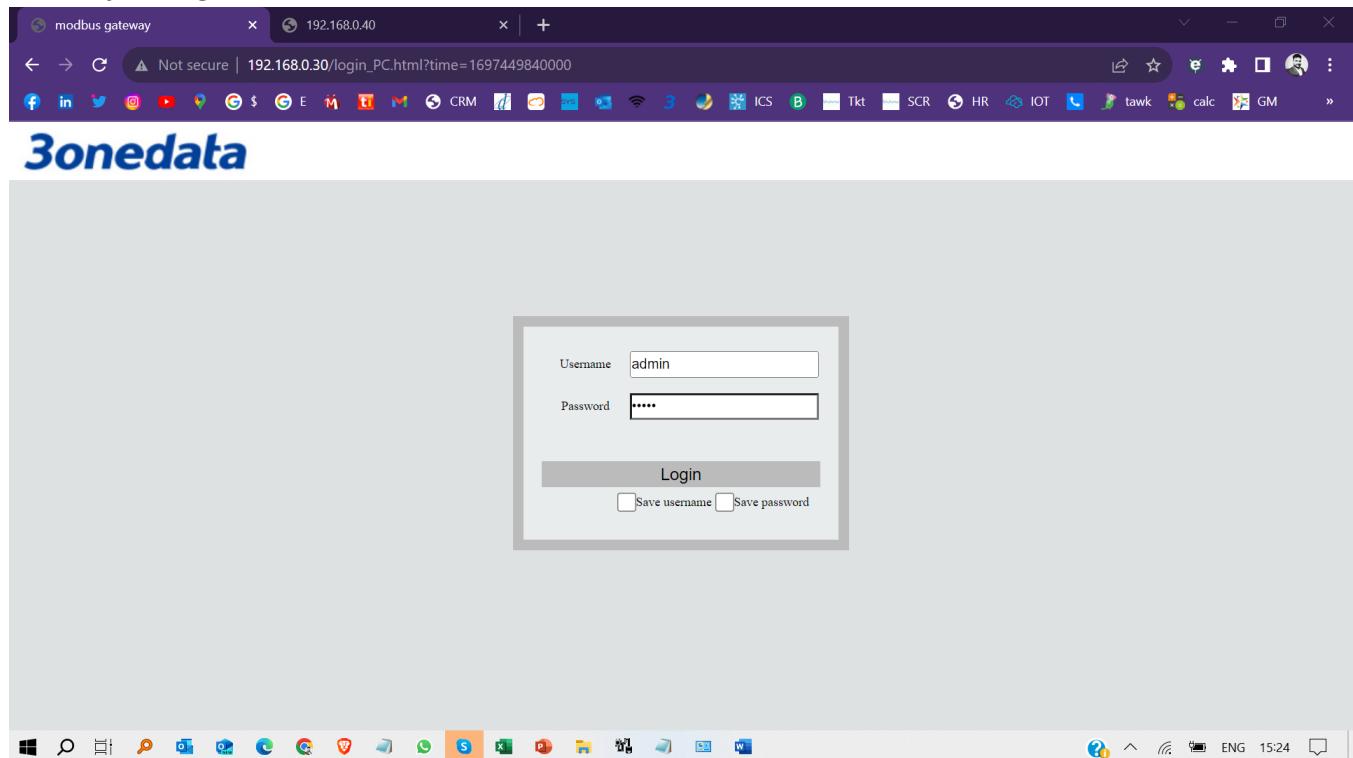


Elta fan



Gateway Settings.



Login:

Username: admin

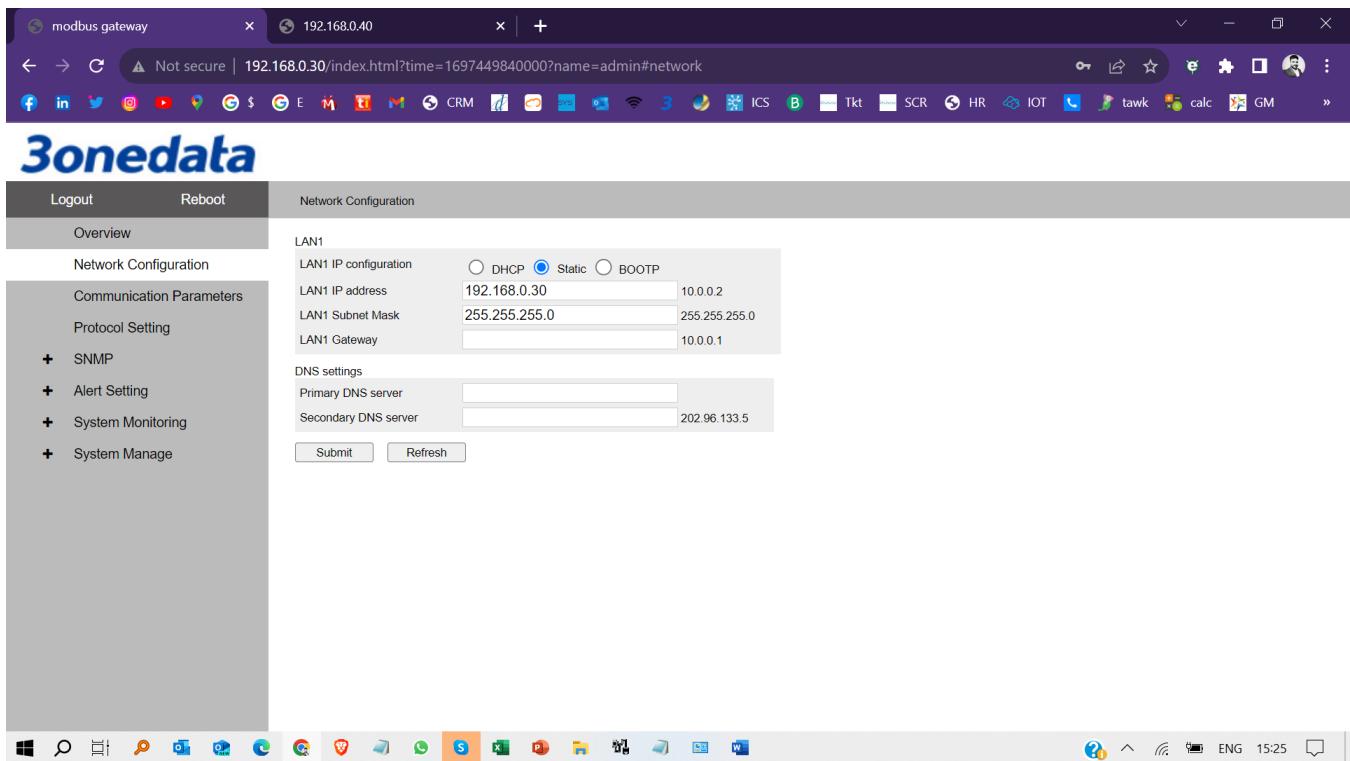
Password: admin

BluBoxx Communication Pvt. Ltd.

An ISO 9001:2015 Certified Company

102/B, Surekha Apartment, Pune Satara Road, Pune- 411037. Maharashtra, India.

www.bbcpl.in CIN: U74999PN2016PTC164320



modbus gateway 192.168.0.40 Not secure | 192.168.0.30/index.html?time=1697449840000?name=admin#network

3onedata

- Logout
- Reboot
- Overview**
- Network Configuration
- Communication Parameters
- Protocol Setting
- + SNMP
- + Alert Setting
- + System Monitoring
- + System Manage

Network Configuration

LAN1

LAN1 IP configuration DHCP Static BOOTP

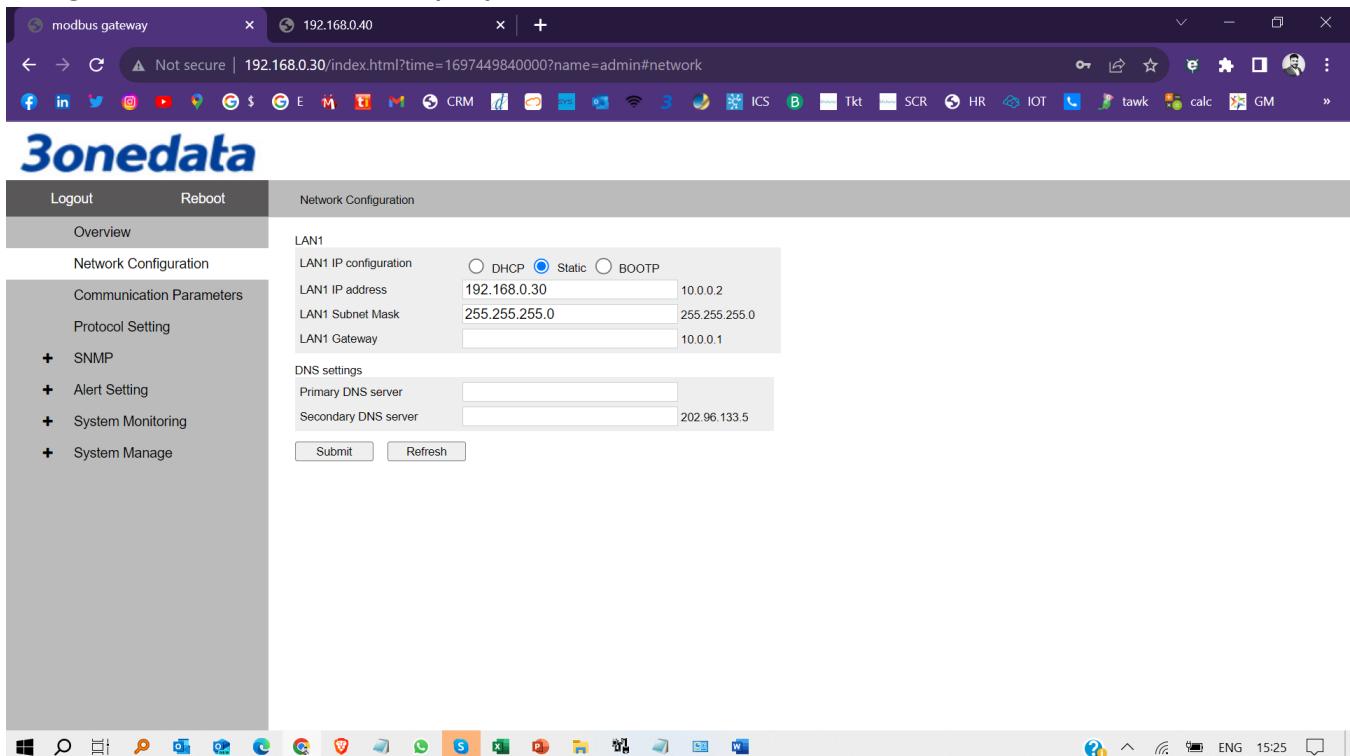
LAN1 IP address	192.168.0.30	10.0.0.2
LAN1 Subnet Mask	255.255.255.0	255.255.255.0
LAN1 Gateway		10.0.0.1

DNS settings

Primary DNS server	
Secondary DNS server	202.96.133.5

Submit **Refresh**

Change IP Address of the device as per your choice and click submit



modbus gateway 192.168.0.40 Not secure | 192.168.0.30/index.html?time=1697449840000?name=admin#network

3onedata

- Logout
- Reboot
- Overview**
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Network Configuration

LAN1

LAN1 IP configuration DHCP Static BOOTP

LAN1 IP address	192.168.0.30	10.0.0.2
LAN1 Subnet Mask	255.255.255.0	255.255.255.0
LAN1 Gateway		10.0.0.1

DNS settings

Primary DNS server	
Secondary DNS server	202.96.133.5

Submit **Refresh**

Click Edit

modbus gateway x 192.168.0.40 x + Not secure | 192.168.0.30/index.html?time=1697449840000?name=admin#serial_settings

Logout Reboot Overview Network Configuration Communication Parameters Protocol Setting + SNMP + Alert Setting + System Monitoring + System Manage

3onedata

Communication Parameters

Serial port	Serial name	Baud rate	Parity	Data bits	Stop bits	Flow control	Interface	FIFO	Operate
1	com1	9600	None	8	1	None	RS485	Enable	Edit

Serial port: 1
 Serial name: com1
 Baud Rate: 9600
 Parity: None
 Data Bits: 8
 Stop Bits: 1
 FlowControl: None
 Interface: RS485
 FIFO: Enable

P1
 Select all

Submit

Enter the Modbus RS485 Parameters and click submit

modbus gateway x 192.168.0.40 x + Not secure | 192.168.0.30/index.html?time=1697449840000?name=admin#protocol_settings

Logout Reboot Protocol Setting > Mode Slave ID Map Priority Control Advanced settings Intelligent Commands

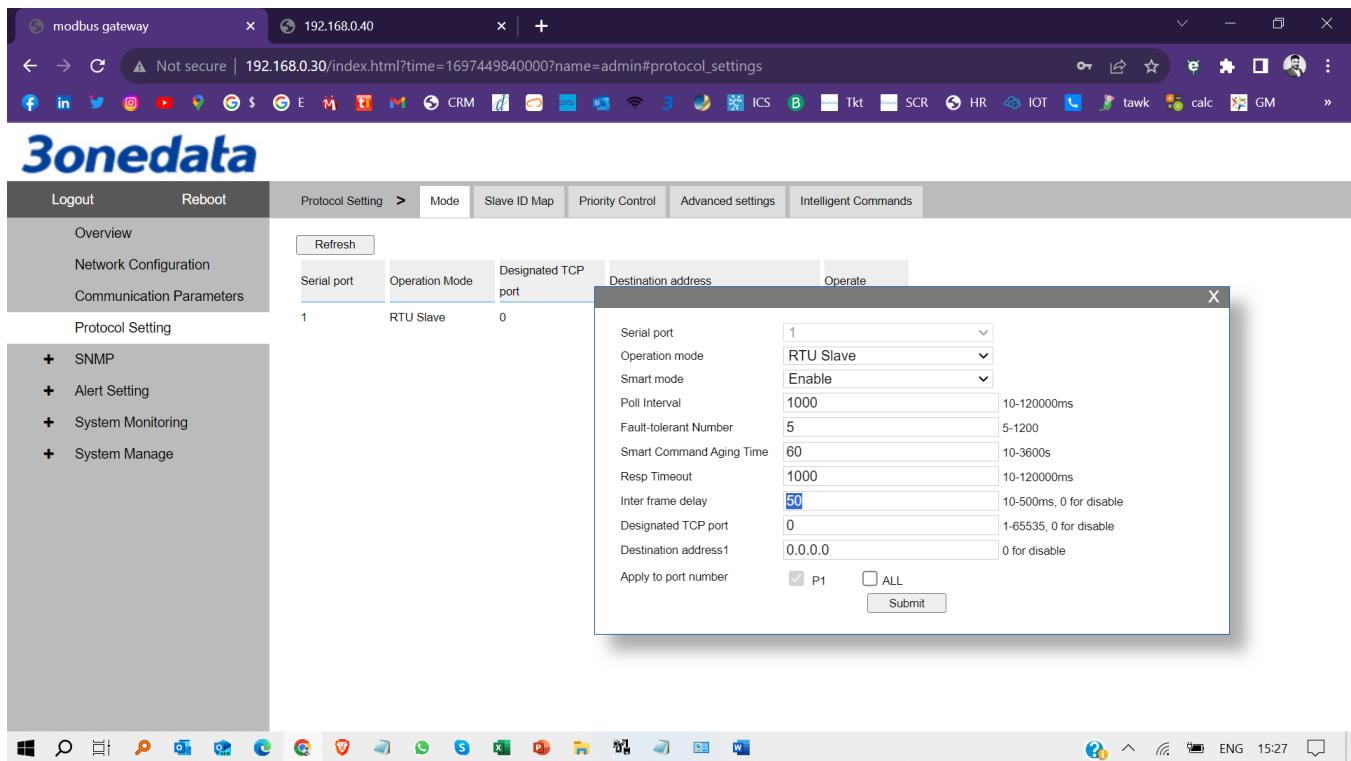
Protocol Setting + SNMP + Alert Setting + System Monitoring + System Manage

3onedata

Protocol Setting

Serial port	Operation Mode	Designated TCP port	Destination address	Operate
1	RTU Slave	0	0.0.0.0	Edit

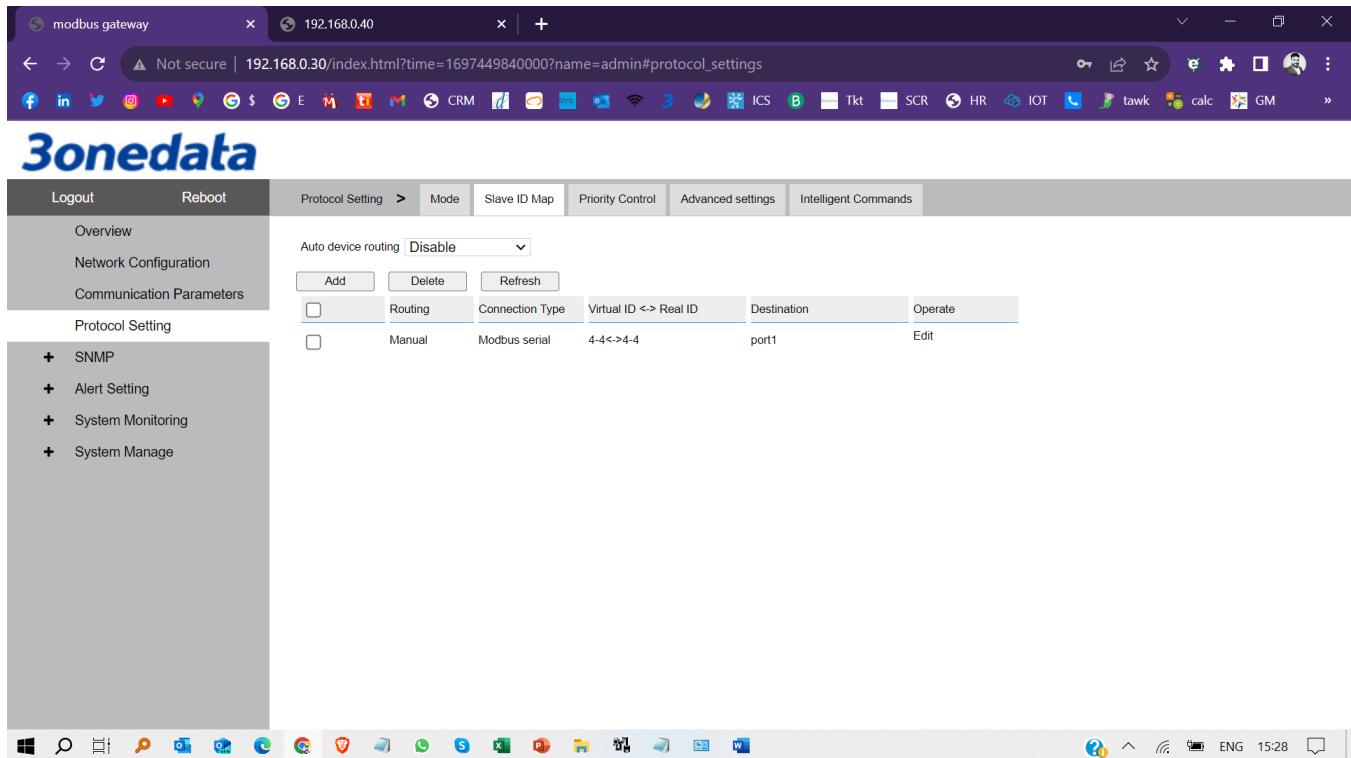
Go to Protocol Settings → Mode → Edit



Protocol Setting > Mode

	Serial port	Operation Mode	Designated TCP port	Destination address	Operate
1	RTU Slave	0			
Serial port	1	RTU Slave			
Operation mode	RTU Slave	Enable			
Smart mode	5	5-1200			
Poll Interval	1000	10-12000ms			
Fault-tolerant Number	60	10-3600s			
Smart Command Aging Time	60	10-12000ms			
Resp Timeout	1000	10-500ms, 0 for disable			
Inter frame delay	50	1-65535, 0 for disable			
Designated TCP port	0	0 for disable			
Destination address1	0.0.0.0				
Apply to port number	<input checked="" type="checkbox"/> P1 <input type="checkbox"/> ALL				<button>Submit</button>

Set Inter frame Delay as 50 ms and click submit.



	Auto device routing	Disable				
	Add	Delete	Refresh			
	Routing	Connection Type	Virtual ID <-> Real ID	Destination	Operate	
1	<input type="checkbox"/>	Manual	Modbus serial	4-4<->4-4	port1	Edit

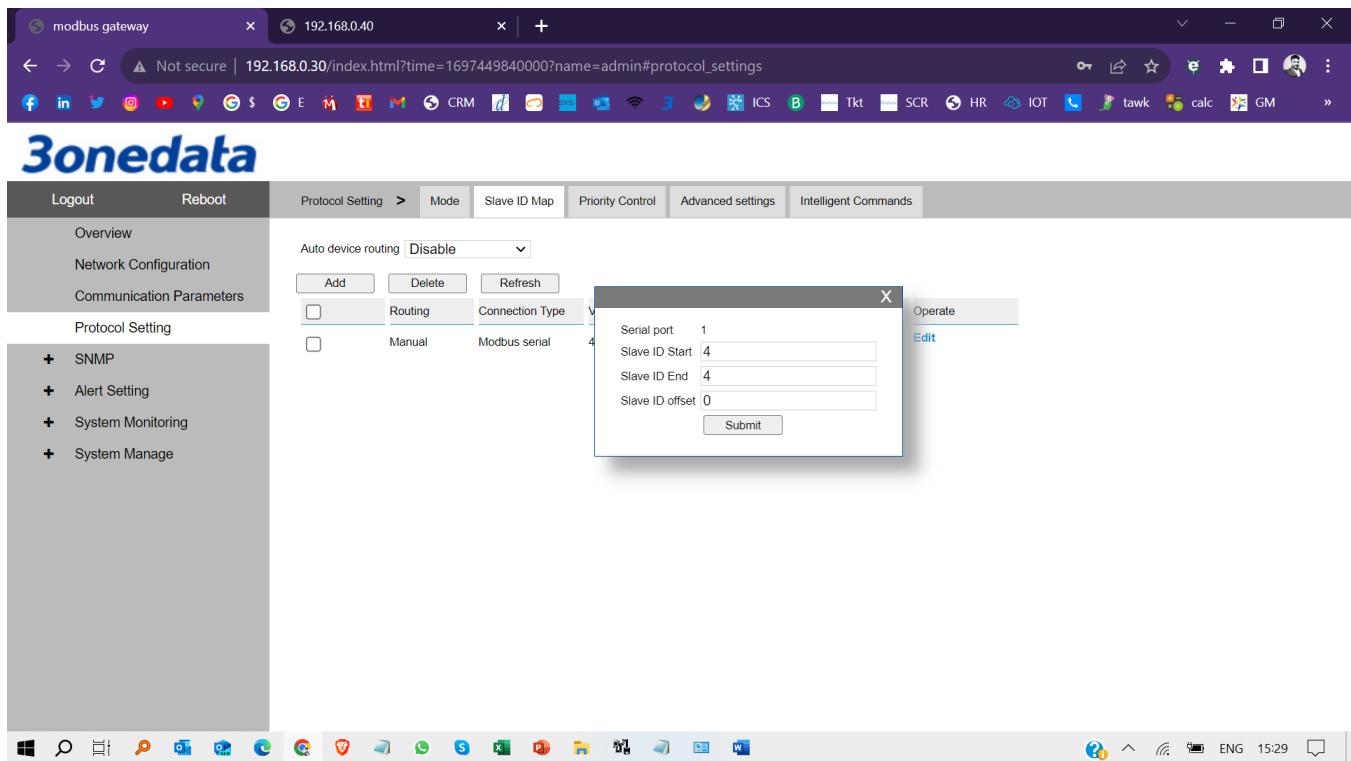
Go to Protocol Settings → Slave ID Map → Edit

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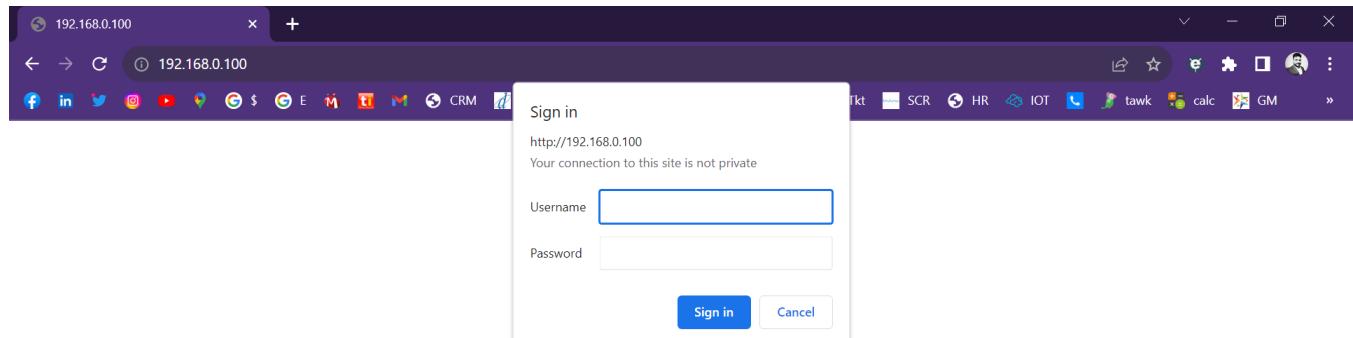


Give Enter Slave ID that you want to set in Slave ID Start and Slave ID End, Click Submit

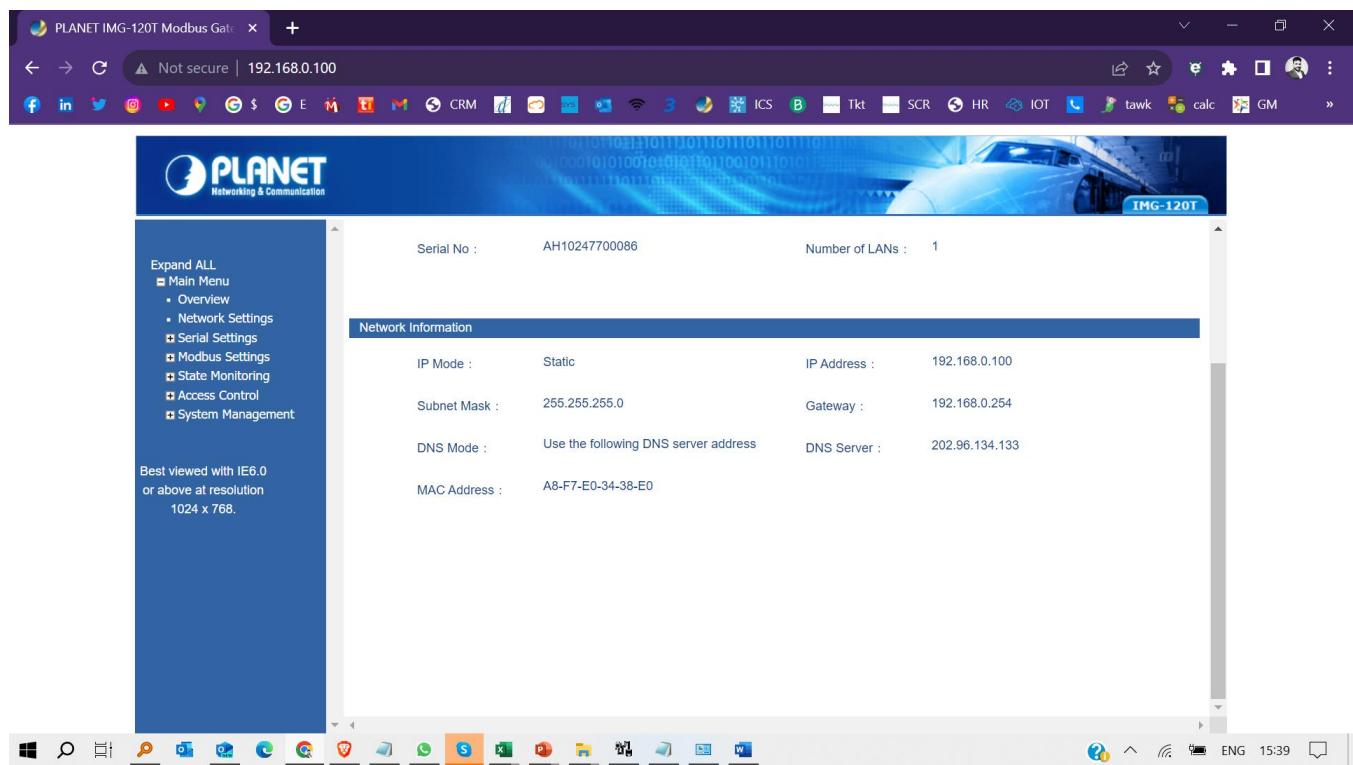
Gateway has been configured. Change the Setting of other Gateways as below.

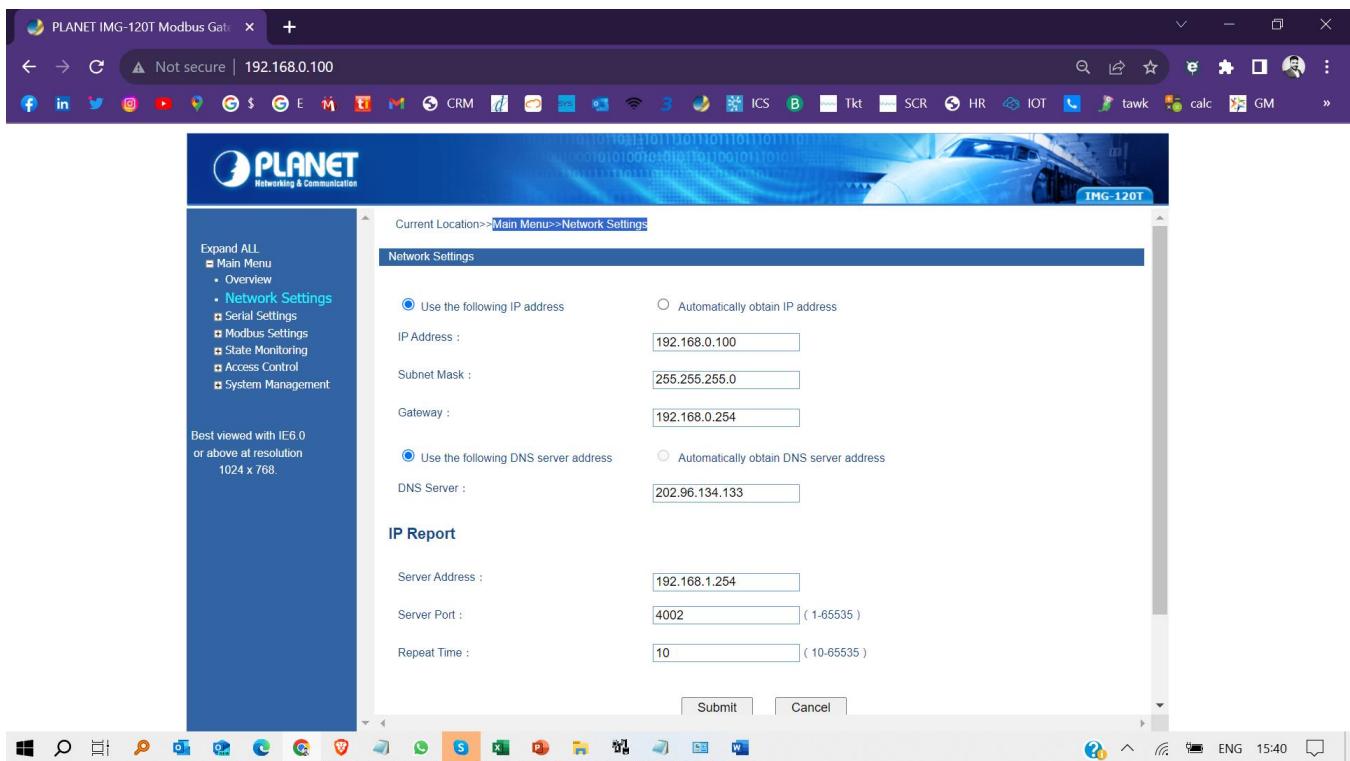
Modbus TCP-IP	Modbus Gateway IP	Login ID	Password	Connected to PLC	Slave Id	Modbus RS 485 Output
Floor P4 - IP 192.168.0.136	192.168.0.10	admin	admin	192.168.0.136	6	Baud 9600, Parity none, Stop Bit 1, Data Bit 8
Floor P3 - IP 192.168.0.135	192.168.0.20	admin	admin	192.168.0.135	5	Baud 9600, Parity none, Stop Bit 1, Data Bit 8
Floor P2 - IP 192.168.0.134	192.168.0.30	admin	admin	192.168.0.134	4	Baud 9600, Parity none, Stop Bit 1, Data Bit 8
Floor P1 - IP 192.168.0.133	192.168.0.40	admin	admin	192.168.0.133	3	Baud 9600, Parity none, Stop Bit 1, Data Bit 8
Floor P0 - IP 192.168.0.132	192.168.0.50	admin	admin	192.168.0.132	2	Baud 9600, Parity none, Stop Bit 1, Data Bit 8

Setting of Planet Gateway



Login: Username: admin Password: admin





PLANET Networking & Communication

Current Location>>Main Menu>>Network Settings

Network Settings

Use the following IP address Automatically obtain IP address

IP Address : 192.168.0.100

Subnet Mask : 255.255.255.0

Gateway : 192.168.0.254

Use the following DNS server address Automatically obtain DNS server address

DNS Server : 202.96.134.133

IP Report

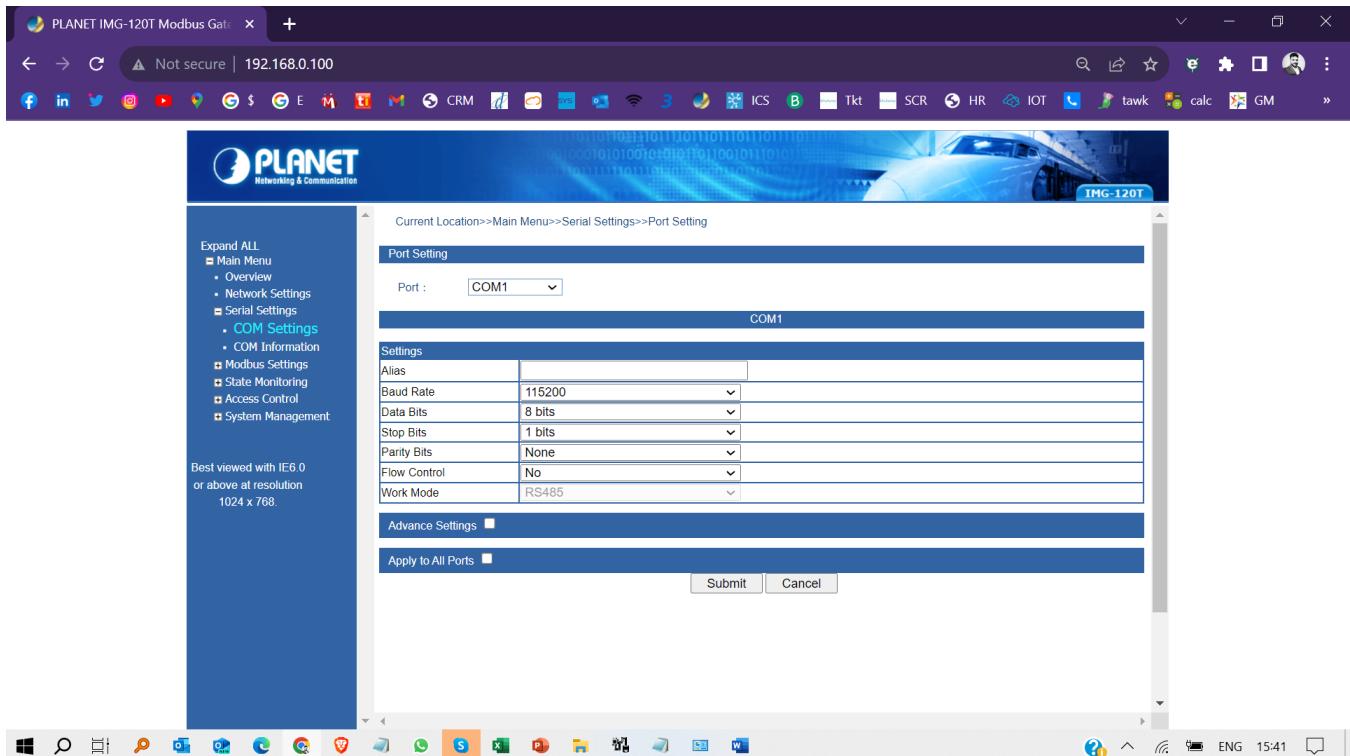
Server Address : 192.168.1.254

Server Port : 4002 (1-65535)

Repeat Time : 10 (10-65535)

Submit Cancel

Go to Main Menu>>Network Settings, Set IP Address of your choice



PLANET Networking & Communication

Current Location>>Main Menu>>Serial Settings>>Port Setting

Port Setting

Port : COM1

Settings

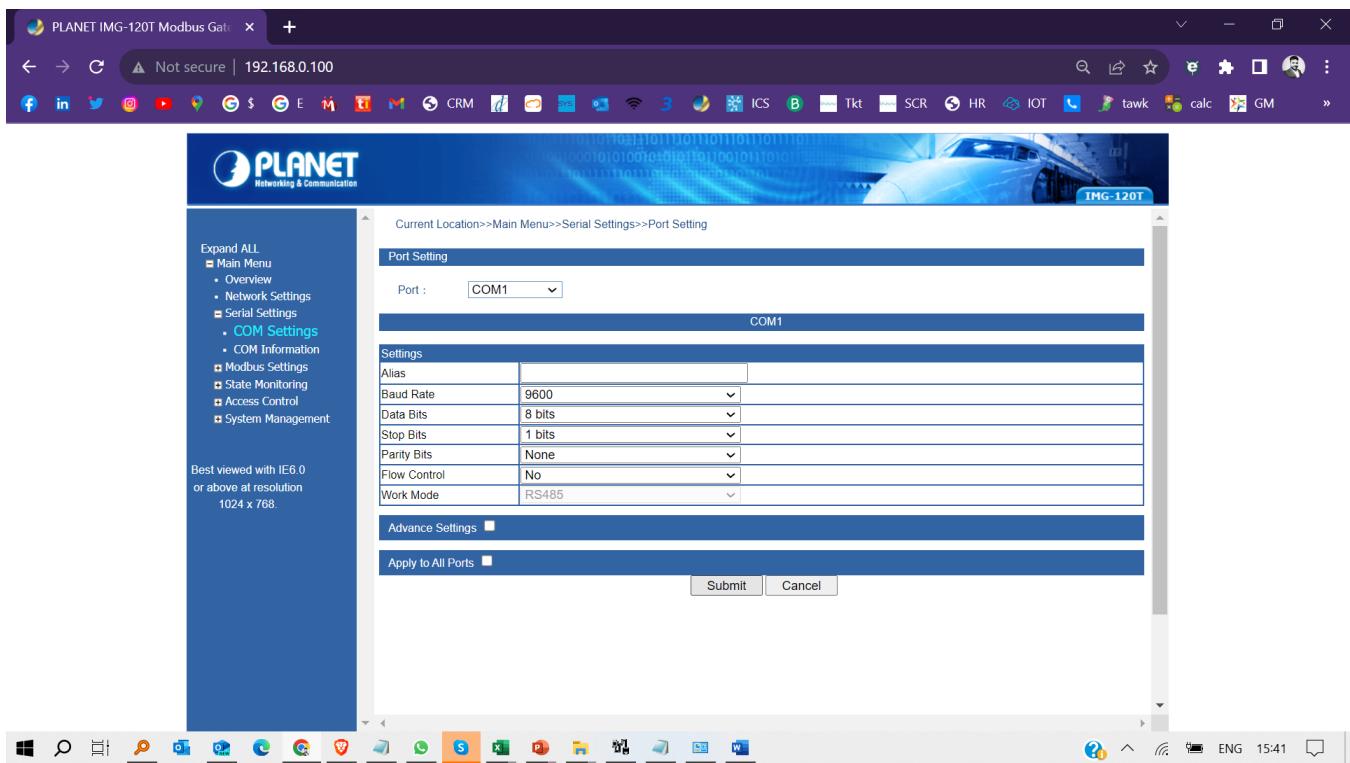
Alias	
Baud Rate	115200
Data Bits	8 bits
Stop Bits	1 bits
Parity Bits	None
Flow Control	No
Work Mode	RS485

Advance Settings

Apply to All Ports

Submit Cancel

Go to: Main Menu>>Serial Settings>>Port Setting



Current Location>>Main Menu>>Serial Settings>>Port Setting

Port Setting

Port : COM1

Settings

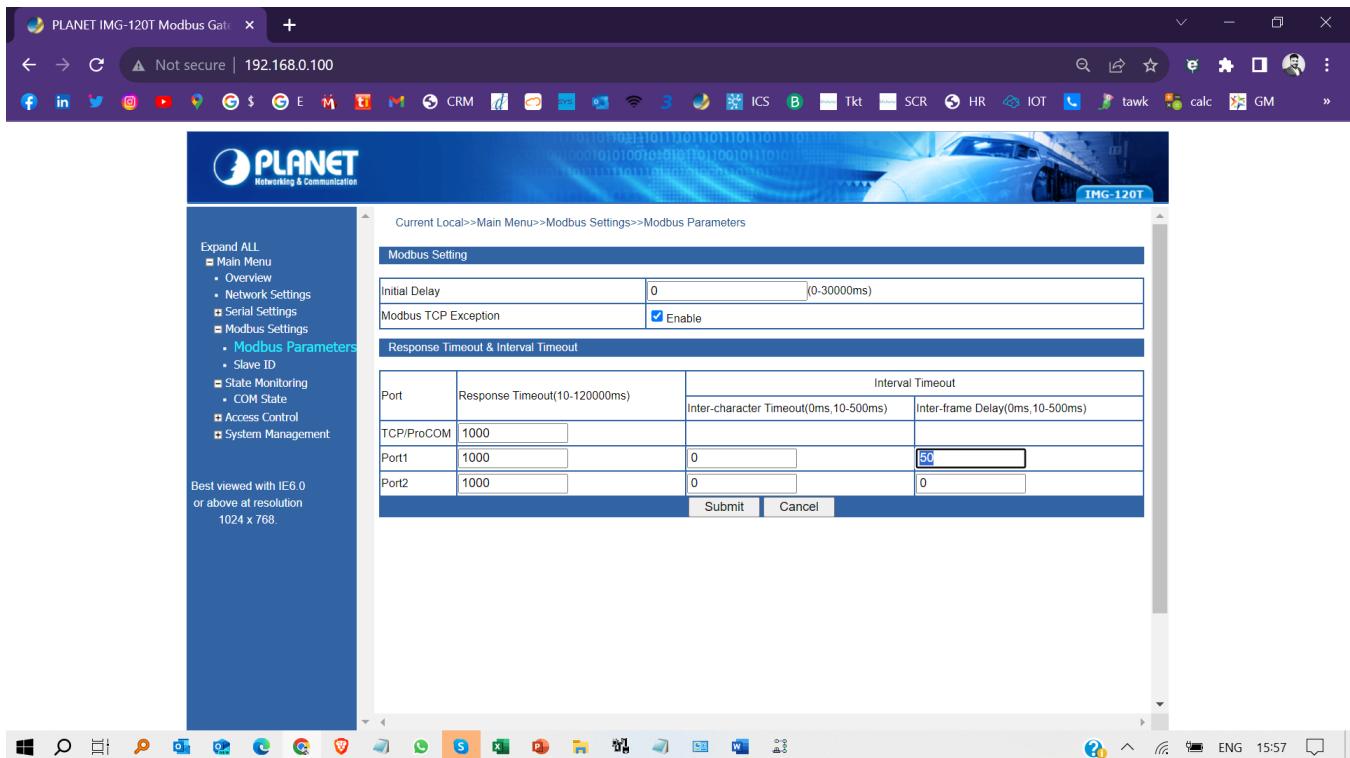
Alias	
Baud Rate	9600
Data Bits	8 bits
Stop Bits	1 bits
Parity Bits	None
Flow Control	No
Work Mode	RS485

Advance Settings

Apply to All Ports

Submit Cancel

Set the Parameters and click submit



Current Local>>Main Menu>>Modbus Settings>>Modbus Parameters

Modbus Setting

Initial Delay	0	(0-30000ms)
Modbus TCP Exception	<input checked="" type="checkbox"/>	Enable

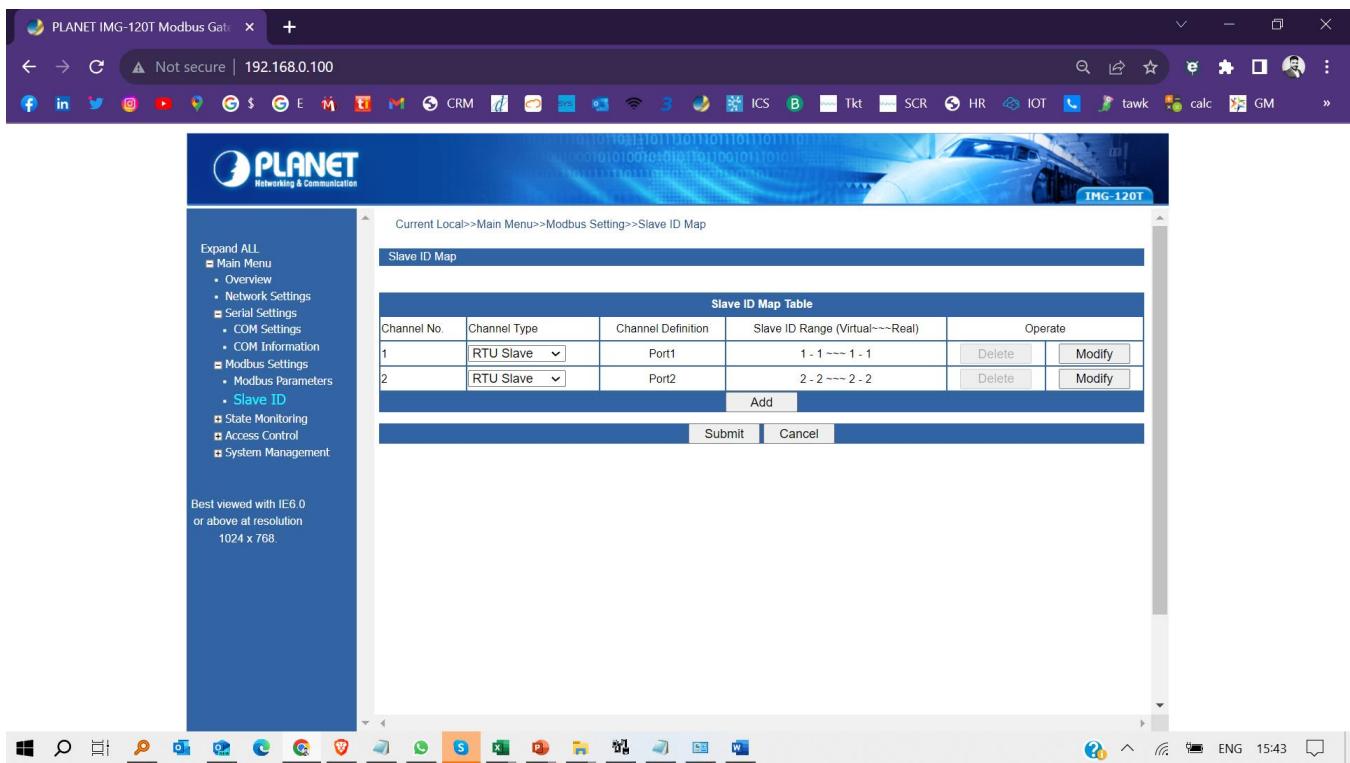
Response Timeout & Interval Timeout

Port	Response Timeout(10-12000ms)	Interval Timeout	
		Inter-character Timeout(0ms,10-500ms)	Inter-frame Delay(0ms,10-500ms)
TCP/ProCOM	1000		
Port1	1000	0	50
Port2	1000	0	0

Submit Cancel

Main Menu>>Modbus Settings>>Modbus Parameters

Set the Inter frame delay time out to 50 ms, click submit



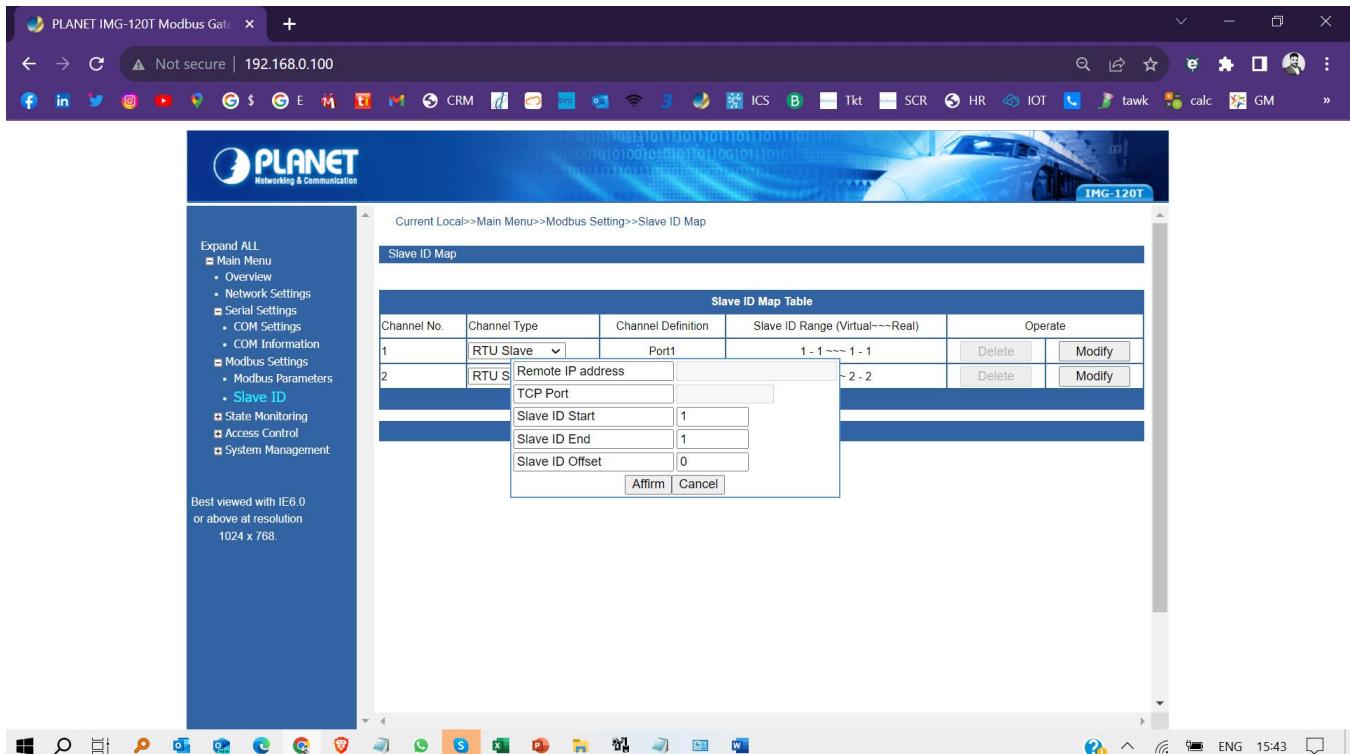
Current Local>>Main Menu>>Modbus Setting>>Slave ID Map

Slave ID Map

Slave ID Map Table				
Channel No.	Channel Type	Channel Definition	Slave ID Range (Virtual~~Real)	Operate
1	RTU Slave	Port1	1 - 1 ~~ 1 - 1	<input type="button" value="Delete"/> <input type="button" value="Modify"/>
2	RTU Slave	Port2	2 - 2 ~~ 2 - 2	<input type="button" value="Delete"/> <input type="button" value="Modify"/>

Add Submit Cancel

Modify



Current Local>>Main Menu>>Modbus Setting>>Slave ID Map

Slave ID Map

Slave ID Map Table				
Channel No.	Channel Type	Channel Definition	Slave ID Range (Virtual~~Real)	Operate
1	RTU Slave	Port1	1 - 1 ~~ 1 - 1	<input type="button" value="Delete"/> <input type="button" value="Modify"/>
2	RTU S	Remote IP address	~ 2 - 2	<input type="button" value="Delete"/> <input type="button" value="Modify"/>
		TCP Port		
		Slave ID Start	1	
		Slave ID End	1	
		Slave ID Offset	0	

Affirm Cancel

Set Slave ID as per your choice. Configuration Complete.