

EMC-485 MANUAL



- Connect A (D+) and B (D-) of the Slave device with converter A and B.
- Connect Ethernet with PC/Laptop and setup IP range:
 1. IP: 192.168.0.56
 2. Subnet: 255.255.255.0
 3. Gateway: 192.168.0.1
- Check if Ethernet lights are started blinking or not. If yes. The device is connected successfully.
 1. TCP IP : Same as device IP
 2. TCP Port : 502 (Fix port)



Sign in

http://192.168.0.120

Your connection to this site is not private

Username

Password

Sign in

Cancel

1. Now you can access the Web Interface at default gateway IP address 192.168.0.120, you will get something like this.

- Default Username: admin, Password: admin.

Note: Parity must be the same if using multiple meters, but with different slave id.

Modbus

Protocol

Network

System

Current Modbus Settings: Baud=9600, Parity=8N1

Baud Rate

9600

Parity

8N1

Save Modbus Settings

Current Modbus Settings: Baud=9600, Parity=8N1

Baud Rate

9600

Parity

8N1

Apply Modbus Settings

- On First screen, You can update the Modbus Parameters, where

- Baud Rate : 9600, 19200, 38400, 115200
- Parity:
- 8N1 = Data bits 8, Parity None, Stop bit 1
- 8E1 = Data bits 8, Parity Even, Stop bit 1
- 8O1 = Data bits 8, Parity Odd, Stop bit 1



Here you can set up whether device should work as Modbus RTU or Transparent mode.

Mode: **Modbus RTU**

Modbus

Protocol

Network

System

Operation Mode

Modbus RTU

Note: Changing mode will take effect immediately. Transparent mode forwards raw TCP data to serial without Modbus processing.

Save Protocol Settings

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Modbus

Protocol

Network

System

Current Network Settings:
MAC Address: 20:43:A8:68:42:5C

IP Address

192.168.0.120

Gateway

192.168.0.1

Subnet Mask

255.255.255.0

DNS Server

8.8.8.8

Save Network Settings

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- At this screen, you can update network parameters. Device reboot is required after updating these settings.



- On the last System tab, you can reboot the device or restore the device to factory parameters.

ModbusProtocolNetworkSystem

New Username

New Password

Change Web Credentials

Firmware Update

Choose FileNo file chosen

Upload Firmware

Reboot Device

Factory Reset

Default Parameters:

- Baud : 9600
- IP Address : 192.168.0.120
- Subnet Mask : 255.255.255.0
- Parity : 8N1
- Gateway : 192.168.0.1
- DNS : 8.8.8.8



- You can also update by using this option.

Change Web Login Username/Password

Username

admin

New Password

Change Login

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- It will ask for confirmation before changing the password, click on ok to confirm.

192.168.0.120 says

Are you sure you want to change the web configuration username/ password?

If you forget it, you will need to perform a factory reset to regain access!

OK

Cancel

You can also reset device parameters to default parameters by pressing and holding the Reset button for 5 seconds. After that, you can again access the device at 192.168.0.120.

You can also update firmware through this tab. Just select the latest bin and click on the upload firmware button.

Firmware Update

Choose File

No file chosen

Upload Firmware

