

ELPRO Ethernet Modem Setup for Modbus Diagnostics

Open Webpage of Device

- Go to Advanced Tab
- IO Transfer

Modbus TCP Configuration

- Enable Slave
- Enable Modbus Statistics

Modbus TCP Configuration:

Enable Modbus TCP Server (Slave)

Modbus Server Device Id

Enable Modbus TCP Client (Master)

Modbus Client Scan Rate (msec)

Reset Registers on Comms Fail

Comms Fail Timeout (sec)

Enable Modbus Statistics

Log Background Noise



Use Modscan to read the diagnostic registers.

Note the device Id

ModSca1

Address: Device Id:

Length: MODBUS Point Type:

Number of Polls: 23
Valid Slave Responses: 22

```
44500: <00002>
44501: <48011>
44502: <00002>
44503: <48011>
44504: <00000>
44505: <00000>
44506: <00000>
44507: <00001>
44508: <00000>
44509: <00010>
```

Diagnostic registers can be found in the 245U-E manual