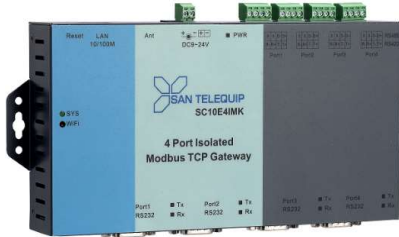


4 Port Isolated Modbus RTU to Modbus TCP Gateway, Model SC10E4I MK



- ✓ CPU : MT7688AN MIPS CPU, 580 MHz
- ✓ RAM : 128M Bytes DDR2 RAM
- ✓ ROM : 32M Bytes Flash ROM
- ✓ OS : Open Wrt Linux OS
- ✓ 4 Serial ports (RS-232/422/485 Auto Detect)
- ✓ Isolation protection 3000 VDC provided
- ✓ Support 8 Modbus TCP Master each with 32

simultaneous request

- ✓ Support 8 TCP Slave on each RTU port.

Ethernet

Port Type : RJ-45 Connector
Speed : 10 /100 M bps (Auto Detecting)
Protocol : ARP, IP, ICMP, TCP, HTTP, DHCP, NTP, FTP Modbus RTU, Modbus TCP
Setup : HTTP Browser Setup (IE & Netscape), Console
Security : Setup Password
Protection : Built-in 1.5KV Magnetic Isolation
Mode : TCP Server / TCP Client / RTU Master / RTU Slave

Modbus TCP Master needed to be assigned different port no's for each Serial port e.g. 502, 503, 504 & 505

Serial Ports * 4

Port : RS 232/422/485 * 4 Port
Speed : 300 bps to 921.6 K bps
Parity : None, Odd, Even, Mark, Space
Data Bit : 5, 6, 7, 8
Stop Bit : 1, 2
RS-232 Pins : Rx, Tx, GND
RS-422 : Rx+, Rx-, Tx+, Tx- (Surge Protect)
RS-485 : Data+, Data- (Surge Protect)
Connectors : 4 Pin Terminal block for RS485/422
: DB9 for RS232

Protection

Surge protection : 600W for RS422 / 485 Port
ESD protection : 15KV for all signals
Isolation : 3000V DC

WiFi port

Standard : 802.11b/g/n
Data Rate : 11/54/72.2 Mbps @ 20Mhz Band Width
Modulation : DSSS, OFDM
Frequency : 2.4GHz
Tx Power 11b : Max. 22dBm
Tx Power 11g/n : Max. 19dBm
Rx Sensitivity : -76dBm @ 54Mbps, -89.5dBm @ 11Mbps
Tx Rate : Max. 54Mbps with auto fallback
Tx Distance : Up to 100m
Security : WEP 64-bit / 128-bit data encryption, AES, WPA / WPA2 personal, WPS2.0, WAPI
Antenna : 2 dBi, RP-SMA connector
Network Mode : Infrastructure, Ad-Hoc; Soft AP (for Setup)

Power

DC 9~32 V, 300mA@12V.
Support Terminal Input & DC Jack
PoE 802.3-af (Optional)

Other Features

Setup : HTTP Browser Setup (IE, Chrome, Firefox)
Security : Login Password
Digital Input / Output : GPIO * 8 Pins
Led Lamp : SYS, PWR, WiFi, LAN, RX, TX
Reset Button
Watch Dog Function

Mechanical and Environment

Operating Temperature : -20°C to 70°C
Storage Temperature : -25°C to 80°C
Dimensions : 195 * 120 * 35 mm (W * H * D)
Weight : 660 gm
Mounting : Back of Panel / Provision for DIN Rail
Material : Metal

Model Code : SC10E4I MK W

SC10E4I MK : Base Model 4 Port RS232/RS485/RS422 to Ethernet Gateway
: Isolated
M : Supporting Modbus RTU to Modbus TCP Conversion
K : Fixed
W : WiFi Optional