



Specification

Hardware

CPU : 32-bit ARM 7 CPU , 80 MHz
RAM : 8M bytes SRAM
ROM : 4M bytes Flash ROM
OS : μ Clinux OS
Watchdog : Built in H/W Watchdog timer

Ethernet

Port number : 1
Port Type : RJ-45 Connector
Speed : 10 / 100 Mbps (Auto Detect)
Protocol : ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, TELNET, PPPoE, FTP, NTP, DDNS,
Mode : TCP Server / TCP Client / UDP
Setup : HTTP Browser Setup (IE, Chrome, Firefox), Web Console
Security : Login Password
Protection : Built-in 1.5KV Magnetic Isolation

Serial Interface

Port number : 1
Port Type: RS-232 x 1 Port (DB9) OR RS-422/485 x 1 Port Software Selectable
Connector : Male DB9 / 4-pin Terminal Block
Speed : 300 bps ~ 230.4 Kbps
Parity : None , Odd , Even , Mark , Space
Data Bit : 5, 6, 7, 8
Stop Bit : 1, 2
RS-232 pins : Rx, Tx, GND, RTS, CTS, DTR, DSR, DCD
RS-422 pins : Rx+, Rx-, Tx+, Tx-
RS-485 pins : Data+, Data-
Built-in : RS-422/485 pull high / low Resistor
Protection : 422/485 Surge & Over Current Protection Built in 15KV ESD protection for all signals

Power

Input: DC 9 ~24V, 500mA@ 12VDC

LED SYS (PWR), LAN, LED1, LED2(User Define)

Product specifications are subject to change without notice

Features

- Support Modbus TCP to Modbus RTU/ASCII Networks
- 4 Modbus modes Browser selectable
- Support 8 TCP Masters simultaneously 32 requests simultaneous per Master
- Serial Master access to 8 TCP Slaves
- Web Browser configuration
- Easy installation Windows utility
- On line F/W upgrade

Software Features

Modbus RTU Slave / ASCII Slave to TCP Master,
4 Modes : TCP Slave to RTU Master / ASCII Master Selectable through Web Browser
TCP Master : Up to 8 simultaneous TCP Master, support 32 simultaneous requests per Master
Serial Master : Access to 8 TCP Slaves simultaneously
OS Supported : Win 2000/2003/XP/Vista/Win 7/Win 8
Configuration : Window Utility, Web Browser

Environment

Temperature : Operating: $-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 149^{\circ}\text{F}$)
Storage: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 158^{\circ}\text{F}$)
Humidity : Operating: 10% ~ 95% non-condensing
Storage: 5% ~ 95% non-condensing

Regulatory Approval

FCC Part15 Class A
CE EN55022 Class A, EN55024
RoHS Compliance

Warranty 1 Year

Applications

