



Features

- Support Modbus RTU protocol
- Polling RTU data automatically
- Send data to assigned server actively
- Remotely query real time data
- USB/SD local storage for data backup
- Remotely download CSV format data file
- Free PC Utility for data Excel & chart
- Support up to 30 Modbus registers

Specification

Hardware

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

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
 Setup : HTTP Browser Setup (IE, Chrome, Firefox)
 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
 RS-422 pins : Rx+, Rx-, Tx+, Tx-
 RS-485 pins : Data+, Data-
 Protection : 422/485 Surge & Over Current Protection
 Built in 15KV ESD protection for all signals

USB Host x 1, max. 8GB

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

Software Features

Modbus : TCP Master to RTU Slaves
 OS Supported : Win 2000/2003/XP/Vista/Win7/Win8
 Configuration : Web Browser

Power

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

Environment

Temperature : Operating: 0°C ~ 65°C (32°F ~ 149°F)
 Storage: -20°C ~ 70°C (-4°F ~ 158°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

