

System

- CPU: 32-bit ARM Cortex-M4 CPU, 120 MHz
- RAM: 128K bytes SRAM
- ROM: 512K bytes Flash ROM
- OS: µClinux OS

Ethernet

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

Serial Ports

- Port number : 2
- Port Type : RS-232 x 1 Port (DB9) ,
- RS-422/485 x 1 Port (Auto Detect)
- 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
- Port 1 RS-232 : Rx , Tx , GND
- Port 2 RS-422 : Rx+ , Rx- , Tx+ , Tx-
- RS-485 : 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

Other Features

- **LED:** SYS (PWR), DI/DO, Port-2, Port-1
- Built in H/W Watchdog timer

Power

- Input: DC 9 ~ 30V, 300mA @ 12VDC
- Consumption < 4W
- DC Jack & 2-pin Terminal Block.

Mechanical and Environment

- Dimensions: 90 * 60 * 25 mm (W * D * H)
- Temperature : Operating: 0°C ~ 70°C (32°F ~ 158°F)
- Storage: -20°C ~ 80°C (-4°F ~ 176°F)
- Humidity : Operating: 10% ~ 95% non-condensing
- Storage: 5% ~ 95% non-condensing

Software Features

- OS Supported : Windows 2000/2003/XP/Vista/Win 7/8/10
- Configuration : Window Utility, Web Browser
- **Support** Modbus TCP To Modbus RTU / ASCII Slave, Modbus RTU / ASCII To Modbus TCP Slave