



Specification

Hardware

CPU : ARM-9 CPU Linux OS, 200 MHz,
RAM : 32MB Internal SDRAM
ROM : 64M Bits Flash ROM
Watchdog : Built in H/W Watchdog timer

WLAN

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. 19dBm
Tx Power 11g/n: Max. 16dBm
Rx Sensitivity: -73dBm @ 54Mbps; -86dBm @ 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 (Setup)
Mode : TCP Server / TCP Client / UDP / Virtual Com /
Pairing
Setup : HTTP Browser Setup (IE, Chrome, Firefox)
Security : Login Password

Serial Interface (receiving Modbus RTU/ ASCII command)

Port number : 1
Port Type : RS-485
Connector : 2-pin Terminal Block
Speed : 110 bps ~ 115.2 Kbps
Parity : None , Odd , Even , Mark , Space
Data Bit : 7 , 8
Stop Bit : 1 , 2
Built-in : RTC
Protection : RS-485 Surge Protection
Built in 15KV ESD protection for all signals

Environment

Temperature : Operating: -10°C ~ 65°C (14°F ~ 149°F)
Storage: -20°C ~ 70°C (-4°F ~ 58°F)
Humidity : Operating: 10% ~ 95% non-condensing
Storage: 5% ~ 95% non-condensing

Product specifications are subject to change without notice

Features

- Support Modbus TCP/ RTU/ASCII protocol
- Support 802.11b/g/n
- Act as a Modbus Slave device receiving command from Modbus Master
- 8 TCP Masters connections simultaneously
- Built in 2 DI / 4 DO
- Remote control DO On/Off status via web page or HTTP CGI command
- Web Browser Configuration

Software Features

Protocol : Modbus RTU/ASCII , Modbus TCP , HTTP
Slave ID : 1 ~ 255
Modbus TCP : Up to 8 simultaneous TCP Master
OS Supported : Win 2000/2003/XP/Vista/Win 7/Win 8
Configuration : Window Utility, Web Browser

Digital I/O

Digital Input : 2 (active High / Low selectable)
Digital Output : 4 (active High / Low selectable)
DO x 2 : Relay output, 125V AC@0.5A,
30V DC@1A
DI x 4 : 3000 VDC Isolation Protect
Wet contact : Logic level 0 : 0 ~ 3 V ,
Logic level 1 : 10 ~ 30 V

Power

Input: DC 9 ~24V, 200mA@ 12VDC

Regulatory Approval

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

Warranty 1 Year

Applications

