



### Features

- Built-in uC-Linux OS
- Provide API & CGI
- Easy Programming
- Web-based Control Digital I/O
- Wireless LAN 802.11 b/g (option)

### Specification

#### Hardware

CPU : ARM-7 32-bit Winbonds CPU, 80 MHz  
 RAM : 16M bytes SDRAM  
 ROM : 4M bytes Flash ROM ( 2M for user programming )  
 OS : uC-Linux OS , Provide API ,  
 CGI for Customer Programming

#### Ethernet

Port Type : RJ-45 Connector  
 Speed : 10 / 100 Mbps ( Auto Detection )  
 Protocol : ARP, IP, ICMP, UDP, TCP, HTTP, DHCP  
 Protocol : PPPoE, DDNS, NTP, FTP, Telnet  
 Mode : TCP Server / TCP Client / UDP  
 Setup : HTTP Browser Setup ( IE & Netscape ) , Console  
 Security : Setup Password  
 Protection : Built-in 1.5KV Magnetic Isolation

#### Serial Port

Port : RS-232 / RS-422 / 485 \* 1 Port  
 ( 3000 V DC Photo Couple Isolation Protection )  
 Speed : 300 bps ~ 230.4K bps  
 Parity : None, Odd, Even, Mark, Space  
 Data Bits : 5, 6, 7, 8  
 Stop Bits : 1, 2  
 RS-232 : Rx, Tx, GND, RTS, CTS, DTR, DSR, DCD  
 RS-422 : Rx+, Rx-, Tx+, Tx- ( Surge & Over Current protection )  
 RS-485 : Data+, Data- ( Surge & Over Current protection )  
 15KV ESD for all signals

#### Digital Input / Output

Digital Input \* 6 Pins ( Active High / Active Low Selectable )  
 Dry Contact : Logic level 0 : Close to GND  
 Logic level 1 : open  
 Wet Contact : Logic level 0 : 0 ~ 3 V  
 Logic level 1 : 10 ~ 30 V  
 Digital Output \* 3 Pins ( Active High / Active Low Selectable )  
 I<sup>2</sup>C Interface \* 1 port : For Digital I/O extend  
 USB ( Host \* 1 Port ) : For Memory Storage or  
 USB ( Host \* 1 Port ) : USB Wireless LAN 802.11 b/g Dongle  
 Watch Dog Function

#### Power

DC 9 ~ 30 V, 1000 mA  
 1000mA@12V

#### LED Indicators

SYS ( PWR ), LAN, LED 1, LED 2 ( User Define )

#### Environment

Operating Temperature : 0 ~ +70°C  
 Storage Temperature : -10 ~ +80°C

#### Dimensions

170 \* 110 \* 30 mm ( W \* D \* H )

#### Weight

350 g

#### Regulatory Approvals

CE / FCC  
 RoHS

#### Warranty

1 year



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