

Ethernet Digital I/O Controller



- Digital I/O Controlled Via Ethernet
 - Digital Input * 6 Pins (Active High / Active Low Selectable)
 - Digital Output * 3 Pins (Active High / Active Low Selectable)
- Support 10/100 Mbps Ethernet, auto-detected.
- Support DHCP Dynamic IP Configuration

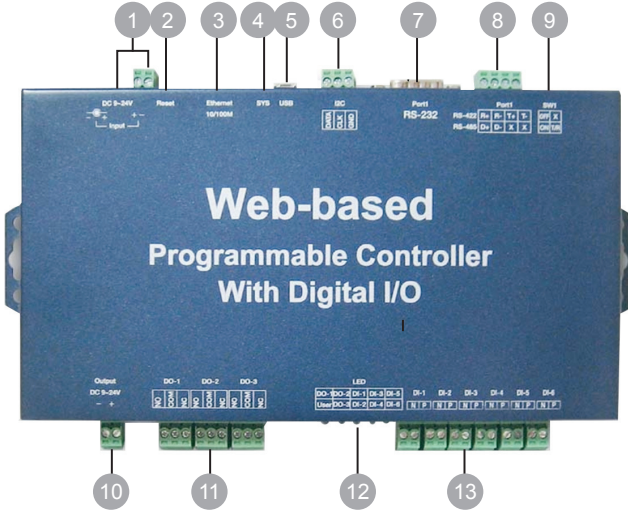
Hardware Specifications

CPU	32-bits ARM-7 Winbonds CPU, 80MHz
RAM	16M Bytes SDRAM
ROM	4M Bytes Flash ROM
OS	uC-Linux OS
Ethernet	<ul style="list-style-type: none"> • Port Type: RJ-45 Connector • Speed: 10/100 Mbps (Auto Detecting) • 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 Browser), Console • Security: Setup Password • Protection: Built-in 1.5KV Magnetic Isolation
Serial Port	<ul style="list-style-type: none"> • Port: RS-232 / 422 / 485 * 1 Port (3000V DC Photocouple Isolation Protect) • 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: Rx+, Rx-, Tx+, Tx- (Surge Protect) (Over Current Protect) • RS-485: Data+, Data- (Surge Protect) (Over Current Protect) • 15KV ESD for all signals
Digital Input / Output	<ul style="list-style-type: none"> • 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) • 120VAC @ 10A, 240VAC @ 7A, 24VDC @ 10A
Interface	<ul style="list-style-type: none"> • I2C Interface * 1 port: for Digital I/O extend • USB Host * 1 port: for Memory Storage
Power	DC 9~30 V, 500mA@12V
Led Lamp	SYS (PWR), LAN, LED 1, LED 2 (User Define)
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C~70°C • Storage Temperature: -10°C~80°C
Dimensions	210 * 120 * 25 mm (W * D * H)
Weight	620 gm
Regulatory Approvals	EMC: FCC Class A, CE Class A
Other	<ul style="list-style-type: none"> • Watch Dog Function • Compliant with RoHS • 1 Year Warranty

Ethernet Digital I/O Controller

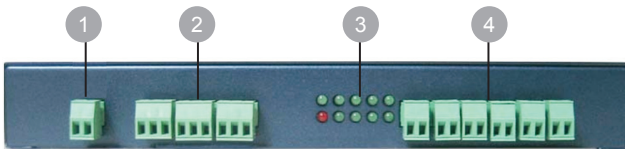
Hardware Specifications

Top Side



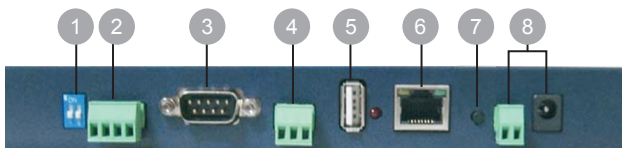
- 1 DC-In Power Outlet
- 2 Reset Button
- 3 Ethernet Port
- 4 SYS LED
- 5 USB Port
- 6 I2C Interface
- 7 Serial I/O Port RS-232
- 8 Serial I/O Port RS-485/RS-422
- 9 Terminator
- 10 DC-Out Power Outlet
- 11 Digital Output
- 12 LED Indicators
- 13 Digital Input

Front Side



- 1 DC-Out Power Outlet
- 2 Digital Output
- 3 Digital I/O LED Indicators
- 4 Digital Input

Rear Side



- 1 Terminator
- 2 RS-485/RS-422
- 3 RS-232
- 4 I2C Interface
- 5 USB Port
- 6 Ethernet Port
- 7 Reset Button
- 8 DC-In Power Outlet

Wiring

