



## ROUTER

# INDUSTRIAL CONVERTER RS232(485) / ETHERNET

### FEATURES:

- » INDUSTRIAL CONVERTER TO CONNECT A SERIAL DEVICE TO AN ETHERNET NETWORK
- » SUPPORTS TCP, UDP, ARP, ICMP, HTTP, DNS, DHCP, TELNET, SSH, SNMP PROTOCOLS
- » EASY CONFIGURATION VIA INTEGRATED WEB SERVER
- » TELNET, OR WINDOWS CONFIGURATION SOFTWARE
- » ADVANCED NETWORK FUNCTIONS SUCH AS DDNS, FIREWALL
- » ACCESS CONTROL, AND EVENT MANAGEMENT
- » SERIAL DATA TRANSFER RATE OVER ETHERNET UP TO 230.4 KBPS





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### TECHNICAL DATA:

#### Gateway

##### Hardware Parameters

• Input Voltage	DC 5.0~36.0V
• Input Current	95mA@5V
• Dimensions	115.7*94.0*25.5mm (L*W*H, including terminals and mounting ears)
• Installation	Panel mounting
• Ground Screw	1
• Operating Temperature	-40~85°C
• Storage Temperature	-40~105°C
• Operating Humidity	5%~95% RH(non-condensing)
• Storage Humidity	5%~95% RH(non-condensing)
• Certifications	CE/FCC/ROSH

##### Interface Parameters

• Ethernet Port Spec.	RJ45, 10/100Mbps, auto MDI/MDIX
• Ethernet Port No.	1
• Serial signals	RS-232: TxD, RxD, RTS, CTS, GND RS-422: Tx+, Tx-, Rx+, Rx-, GND RS-485-2w: A+, B-, GND
• Serial Port No.	1
• Serial Baud Rate	600~921.6k(bps)
• Data Bit	7, 8
• Parity	None, Even, Odd
• Flow Control	None, RTS/CTS (RS-232 only), XON/XOFF
• RS-485 Pull-up and Pull-down Resistor	2.2KΩ

##### Hardware Protection

• ESD-IEC61000-4-2 Level 4	Air±15KV, contact±8KV
• Surge-IEC61000-4-5 level 3	±2KV
• EFT-IEC61000-4-4 Level 3	±2KV

##### Software

• Network Protocol	IP/TCP/UDP/ARP/ICMP/IPV4/DHCP/DNS
• IP Mode	Static IP, DHCP
• Modbus Gateway	Support
• Websocket	Support
• HTTP Client	Support
• UDP Broadcast	Support
• User Configuring	Setup utility, webpage, AT commands

##### Parameters

• Serial Packets Cache	Dynamic packet cache. For example: When the packet length is 10 byte, the serial port can cache 450 packets(4.5KB). When the packet length is 1460 bytes, the serial port can cache 10 packets(14.6KB).
• Ethernet Packets Cache	48Kbyte

