

# E-P232-X

RS-232 to Ethernet converter



## Key specifications/special features:

- E-P232-X: RS232 and RS232/422/485 socket connection

### Hardware

- CPU: ARM Cortex-M3 32-bit CPU, 50 MHz
- RAM: 64K bytes SRAM
- ROM: 256K bytes Flash ROM

### Ethernet

- Port type: RJ45 connector
- Speed: 10/100 Mbps (auto detection)
- Protocols: ARP, IP, ICMP, UDP, TCP, HTTP, DHCP
- Mode: TCP server/TCP client/UDP/Virtual COM/Pairing
- Setup: HTTP browser setup (IE)
- Security: password
- Protection: built-in 1.5KV magnetic isolation

### Dual serial port: RS232 x 1, RS232/422/485 x 1 (auto detect)

- Port 1: RS232: DB9 male
- Port 2: RS232/422/485: Terminal Block
- Speed: 300 bps to 115.2 Kbps
- Parity: none, odd, even, mark, space
- Data bits: 5, 6, 7, 8
- Stop bits: 1, 2
- Port 1: RS-232: Rx, Tx, GND, RTS, CTS, DTR, DSR, DCD
- Port 2: RS-232: Rx, Tx GND
- RS-422: Rx+, Rx-, Tx+, Tx- (surge and over current protection)
- RS-485: Data+, Data- (surge and over current protection)
- Built-in RS422/RS485 pull high/low resistor
- 15KV ESD for all signals

### Other features:

- Watchdog function
- IP search utility supports Windows 7/Vista/XP/2003/2000
- Virtual COM driver supports Windows 7/Vista/XP/2003/2000
- Firmware: online update via Ethernet
- Power: 9-24VDC, 500mA, 300mA @12VDC
- Over current and reverse protection
- LED indicators: SYS (PWR), LAN, LAN Rx, LAN Tx
- Operating temperature: 0 - +70°C
- Storage temperature: -10 - +80°C
- Dimensions and weight: 115 x 90 x 27mm (W x D x H)/140g
- Din-rail/wall mountable
- Regulatory approvals: CE/FCC, RoHS
- Warranty: one year

