



CoBox® DinRail Industrial Device Server

The CoBox DinRail Industrial Device Server network-enables any device with either RS-232 or RS-485 connections via RJ45 or screw terminal connections. The CoBox DinRail comes in a rugged housing designed to snap easily into any DIN rail mounting rack. Support for a broad range of networking features including raw sockets, serial tunneling over IP, connections to dedicated hosts, buffer control, and IP packet controls.

- Flexible, well-developed TCP/IP protocol implementation
- Bridges serial data over the network
- 10BASE-T Ethernet interface (RJ45)
- RS-232, RS-422, RS-485 serial standards, switch selectable
- Supports multiple serial devices through RS-485 standard (up to 32)
- Master or Slave functionality selectable in software
- Protocol customization available

Protocols Supported

ARP, UDP, TCP, Telnet, ICMP, SNMP, DHCP, TFTP, and HTTP

Network Interface

RJ45 (10BASE-T) Ethernet

Serial Interface

RS-232/RS-422/RS-485
screw terminal blocks or RJ45
serial port

Data Rates

300bps to 38.4Kbps

Modem Controls

RTS, CTS

Serial Line Formats

Characters: 7 or 8 data bits
Stop bits: 1 or 2
Parity: odd, even, none

Flow Control

XON/XOFF
Hardware flow control

Management

HTTP
SNMP (read only)
SNMP proxy, private MIBs
available
Serial login
Telnet login

Software

Flash ROM standard:
downloadable from a TCP/IP host
(TFTP) or over serial port

Diagnostic LEDs

OK
FaultNetwork
Activity
Good Link
Transmit Data
Receive Data

Compatibility

Ethernet: Version 2.0/IEEE 802.3

Power Requirements

9-30VDC accepted
Power Consumption: 3 Watts

Environmental

Operating Temperature
0° to 60°C

Humidity

20% to 90% (non-condensing)

Physical Dimensions

2.4 x 3.7 x 1.4 in
(6.0 x 9.5 x 3.5 cm)

Shipping Dimensions (H x W x D)

4.375 x 9.0 x 7.375 in
(11.1 x 22.86 x 18.73 cm)

Agency Approvals

CE, FCC, C/UL, TUV, FM
(pending)

Warranty

5-year limited warranty

Ordering Information

CoBox DinRail Industrial Device
Server, DINrail mounting, screw
block terminals (RS-232, RS-422,
RS-485) or RJ45 (10BASE-T)
network port, diagnostic LEDs,
Installation Guide, can
support 9-30VDC power input

CoBox DinRail



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Specifications