CoBox

Universal Thin Servers

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The CoBox Universal Thin Servers provide exceptional functionality for users with IP applications requiring up to two serial ports. An extensive software feature set and a variety of configurable hardware options makes the CoBox one of the most flexible network-enabling devices available today. The CoBox products support both Ethernet and Token Ring, making them a fit for most any networking environment.

- Connects up to 2 serial devices to the network

- Flexible, well-developed IP protocol implementation

- RS-232, RS-422, RS-485 serial standards supported

- DB25 and DB9 serial interfaces

- RJ45 (10BASE-T) and AUI Ethernet interfaces (CoBox-E2), STP/UTP Token Ring interfaces (CoBox-TR2)

- Serial speeds up to 115Kbps supported

- Serial, telnet and SNMP management

- Flash ROM for easy software upgrades

10 year anniversary

LANTRONIX

CoBox-E2 and CoBox-TR2 Specifications

CoBox-E2

PROTOCOLS SUPPORTED:
IP-ARP, UDP, TCP, SNMP and TFTP

COMPATIBILITY:
Ethernet: Version 2.0/IEEE 802.3

DEVICE SUPPORT:
Supports any RS-232/RS-422/RS-485 serial device requiring Ethernet access

NETWORK INTERFACE:
RJ45 (10BASE-T) and AUI Ethernet

SERIAL INTERFACE:
DB25 RS-232/RS-422/RS-485 serial port, DCE configuration
DB9 serial port, DTE configuration

DATA RATES:
Serial speeds up to 115Kbps

MODEM CONTROL:
RTS, CTS, DSR, DCD, DTR

FLOW CONTROL:
XON/XOFF
Hardware flow control

MANAGEMENT:
SNMP (read only)
Serial login
Telnet login

SOFTWARE:
Flash ROM standard; new software can be downloaded from a TCP/IP host (TFTP) or over serial port

DIAGNOSTIC LEDs:
Transmit Data
Receive Data
Good Link
Collisions
Channel status
Fault indicator

PHYSICAL DIMENSIONS:
H 4.0cm x W 15.5cm x D 18.0cm (1.57in x 6.10in x 7.00in)
Weight: .5Kg

SHIPPING DIMENSIONS:
H 10.15cm x W 34.0cm x D 19.0cm (4.0in x 13.25in x 7.25in)
Weight: 1.75Kg

POWER REQUIREMENTS:
16VAC or DC 1000mA (External adapter included)
Power Consumption: 9 Watts

ENVIRONMENTAL:
Operating Temperature: 5° to 50°C (41° to 122°F)
Storage Temperature: -40° to 66°C (-40° to 151°F)

AGENCY APPROVALS:
CE, FCC B (Ethernet),
C/UL

WARRANTY:
5-year limited warranty

CoBox-TR2

PROTOCOLS SUPPORTED:
IP-ARP, UDP, TCP, SNMP and TFTP

COMPATIBILITY:
Token Ring: IEEE 802.2 LLC

DEVICE SUPPORT:
Any RS-232/RS-422/RS-485 serial device requiring Token Ring access

NETWORK INTERFACE:
STP(SubD9) and UTP(RJ45) Token Ring, 4/16 Mbit ring speed (selectable)

SERIAL INTERFACE:
DB25 RS-232/RS-422/RS-485 serial port, DCE configuration
DB9 serial port, DTE configuration

DATA RATES:
Serial speeds up to 115Kbps

MODEM CONTROL:
RTS, CTS, DSR, DCD, DTR

FLOW CONTROL:
XON/XOFF
Hardware flow control

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AGENCY APPROVALS:
CE, FCC A (Token Ring),
C/UL

WARRANTY:
5-year limited warranty

ORDERING INFORMATION

CoBox-E2-01 Universal thin server, 1 DB25 (RS-232/RS-423/RS-485) serial port, 1 DB9 (RS-232) serial port, AUI (10BASE5) and RJ45 (10BASE-T) network ports, diagnostic LEDs, Installation Guide, external 110VAC power supply

CoBox-E2-02 Same as above with 230VAC power supply

CoBox-E2-03 Same as above with European 2-prong 230VAC power supply

CoBox-TR2-01 Universal thin server, 1 DB25 (RS-232/RS-423/RS-485) serial port, 1 DB9 (RS-232) serial port, STP (SubD9) or UTP (RJ45) Token Ring ports, diagnostic LEDs, Installation Guide, external 110VAC power supply

CoBox-TR2-02 Same as above with 230VAC power supply

CoBox-TR2-03 Same as above with European 2-prong 230VAC power supply

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