RouteFinder 200
V.34 Modem Multi-Protocol Router

Model MTASR1-200

Model and Description:

• MTASR1-200 — Enhanced V.34 network modem/router for an Ethernet® LAN. Includes remote access/multi-protocol router software for client-to-LAN access or LAN-to-LAN routing.
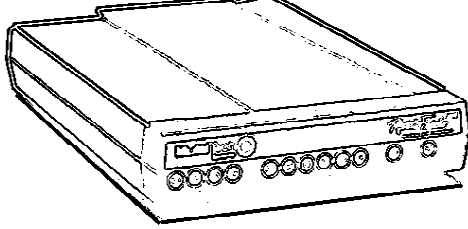
General Description:

V.34 network modem/router for client-to-LAN access or LAN-to-LAN routing.

The RouteFinder200™ is a dual-function device that supports multi-protocol routing or remote LAN access for IPX™ or PPP clients.

When configured for client-to-LAN access, the RouteFinder200 operates as a network modem that handles incoming remote-node (IPX or IP) sessions via PPP protocol.

When configured for LAN-to-LAN router operation, the RouteFinder200 routes IP and IPX packets and bridges other protocols.

The RouteFinder200 includes integrated Ethernet® hardware for a 10BaseT or Thinnet connection, an integrated V.34 link modem, and an on-board processor for routing or remote access services.

Features:

Full-featured brouter or remote access server with Windows-based remote configuration and management.

Bridge/Router Operation
• Routes IP and IPX packets in 802.2, 802.3, EthernetII, or SNAP frames.

• Bridges non-IP and non-IPX packets.

• Supports simple scripting for login; IP, IPX, and Spanning Tree filtering; IPX/SPX spoofing; data compression; and dial-on demand link establishment.

Network Modem Features
• DIAL-IN: Supports remote-node or PPP dial-in network access (including third-party PPP clients), Windows 95® callback and dial-up networking, and login security based on the dial-in protocol used (e.g., NetWare15.2 cm x login, PAP, or CHAP).

• DIAL-OUT: Supports dial-out communications from IPX or telnet clients (DOS/

Windows® and Windows 95 redirectors included) via an encrypted user database file.

Comprehensive Logging Features
• Displays server, line, and user information.

• Tracks number, type, and duration of connections.

• Separately tracks users waiting for inbound remote-control sessions.

• Logs the number of packets sent and received over the LAN and passes user ID information to the MultiModemManager.

Remote Configuration and Management
• Supports remote management via telnet, SNMP, or TFTP (via IP); via a Windows 3.1x/95 interface (IP or IPX).

• Supports remote configuration via telnet (IP) or a Windows 3.1x/95 interface (IP or IPX).

• Windows-based management utility allows the administrator to monitor activity, start or stop the server log, disconnect users, and down the gateway from any node PC on the network.

• Supports DHCP for dynamic IP address allocation for PPP clients.

Specifications:

Requires for configuration a user-supplied PC with a serial port and Windows 3.1.

Local Networking Port
Quantity:	One
Interface:	10BaseT (UTP) via an RJ45 jack or 10Base2 (Coax) via a BNC
Speed:	10M bps
Format:	Ethernet, 802.3, 802.2, EthernetII, or SNAP

WAN Port
Quantity:	One RJ11 interface to POTS
Standards:	Enhanced V.34, V.32terbo, V.32bis, V.32, V.22bis, V.22, Bell 212A and 103
Speed:	33.6K, 31.2K, 28.8K, 26.4K, 24K, 21.6K, 19.2K, 16.8K, 14.4K, 12K, 9600, 7200, 4800, 2400, 1200, and 0-300 bps
Usage:	Dial up only

Command Port
Connector:	RJ45 (DB25 to RJ45 cable included)
Interface:	DCE via RS232C/D
Speed:	19.2K bps

Physical/Electrical/Environmental
Dimensions:	6" W x 1.6" H x 9" L 15.2 cm x 4.1 cm x 22.9 cm
Weight:	2 lbs (0.9 kg)
RAM:	2 meg of DRAM memory, expandable to 20 megabytes, using 70 nanosecond SIMMs. Caution: SIMM speed and size can not be mixed
ROM:	1 meg of Flash memory
Switches:	Power
LEDs:	Ethernet (RCV, LNK, XMT, COL), Link (RCV, CTS, CD, XMT, RTS), FAIL, & POWER
Voltage:	Universal (85-245v AC) input
Power:	10 watts
Warranty:	Two years

Manufactured in Mounds View, MN, U.S.A.

MultiTech® Systems
The right answer every time.