



PRECIDIA
TECHNOLOGIES

EtherDial

EtherDial™



IP savings for legacy terminals

Reduce costs and add functionality to your older terminals by connecting them to your existing IP network

Precidia Technologies has developed a unique solution for merchants and transaction processors faced with rising communications costs. The EtherDial is a simple, cost effective IP solution that eliminates the need for dial lines to process POS payment transactions.

The EtherDial is designed to easily migrate transaction data from dial-based infrastructure to a TCP/IP network, while maintaining the merchant's investment in existing POS equipment. It is a completely transparent, scalable solution for merchants who require a cost-effective alternative to their existing dial based connection.

The EtherDial acts like the telephone network, providing a dial tone and answering the terminal's call. It then extracts the data frame and tunnels it to an IP destination over an Ethernet network. EtherDial is the ideal solution for merchants with access to a router based LAN/WAN who are currently using dial lines for POS transactions.

The EtherDial features numerous benefits for merchants and processors including:

- Reduce communication costs
- Seamless to existing systems and equipment
- Retain investment in legacy equipment
- Install quickly and easily
- Reduce help desk costs
- Gain access in real-time to device/transaction statistics
- Facilitate remote management via LANs and WANs.

Simply by implementing the EtherDial, retailers, ISOs, and service providers can lower their costs and increase the functionality of existing POS equipment. It is an ideal IP option to meet merchant requirements for enhanced functionality and reduced costs that enable them to remain competitive.



Empower your **Business**
with
IP Enabling
Technologies

www.precidia.com

Merchant Location



Features

- Dial terminal conversion to IP over Ethernet
- Compatible with TCP/IP networks for Internet or Intranet applications
- Built-in web page server for displaying both static and dynamic web pages
- Statistics are available via a Web browser or a Telnet session
- Local and remote configuration and software upgrade capability
- Local and remote password protection
- Supports Visa 1/2, First Data and PassThrough protocols
- SNMP support for third party
- NetVu™ Network Configuration Manager available
- Can route different destinations based on telephone number dialed (DTMF)
- Accept static or dynamically assigned IP addresses
- Text can be sent using Standard (Non-transparent) Mode or Transparent Mode
- Routing redundancy in case of host failure
- Visual status LEDs
- One year warranty

Merchant Network



Specifications

Dial In Interface:	Bell 212A, V.22BIS, Bell 103
Dial In Connector:	RJ-11
Dial In Speed:	300, 1200 or 2400 bps
Ethernet Interface:	Ethernet II, IEEE 802.3, 10Base-T
Ethernet Connector:	RJ-45
Ethernet Speed:	10 Mbps
Status LEDs Indicators:	Power, Ethernet (link, collision, transmit), Dial (transmit, status, carrier)
Protocol Supported:	ARP, ICMP, IP, UDP, TCP,
Configuration:	IP, subnet mask, router, multi-host
Power requirements:	12V DC external, 500mA
Operating Temperature:	0-50°C / 32-125°F
Network Services:	Telnet, SNMPv2C, HTTP, TFTP, DHCP, IPSec (manually keyed)
Dimensions (h x w x d):	28 x 155 x 80 mm
Weight (including power supply):	500 g (17.14 oz)

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