



**PRECIDIA**  
TECHNOLOGIES

# Ether3201



**Ether3201**



## Datapac™ to IP Converter

Low cost IP solution for router-based 3201 POS environments

If you're a retailer looking to leverage your existing IP network for debit and credit card traffic, then the Ether3201, designed to migrate a Datapac™ terminals to IP, is the cost-saving solution you are looking for.

Precidia's Ether3201 provides substantial savings to transaction processors and retailers by eliminating parallel networks and dramatically reducing maintenance costs.

Designed to simulate the Datapac™ 3201 protocol, the Ether3201 extracts the data frame from the protocol and tunnels it to an IP destination over an Ethernet LAN. As the Ether3201 examines message data to determine the proper routing path, it can also analyze the contents of that frame. Precidia's Ether3201 collects statistical, diagnostic and non-confidential transaction information that is generated and stored within the device. The Ether3201 can also utilize this information to direct the transactions based on card types to different addresses.

The Ether3201 features numerous

benefits for transaction processors and retailers including:

- Retain capital and training investment in legacy equipment
- Deliver high return on investment (ROI) by eliminating parallel payment network;
- Install quickly and easily
- Reduce support costs with a suite of management tools
- Gain real-time access to device/transaction statistics
- Eliminate costly Datapac™ installation charges.

Implementing Precidia's Ether3201 means no changes to your existing payment terminals and ensures a seamless integration with any transaction processing system. The Ether3201 is designed to easily migrate transaction data from an X. 25 based infrastructure to an IP network over Ethernet, while maintaining the retailer's investment in legacy equipment.

It is a completely transparent, scalable solution for retailers who require a cost-effective alternative to their existing Datapac™ connection.

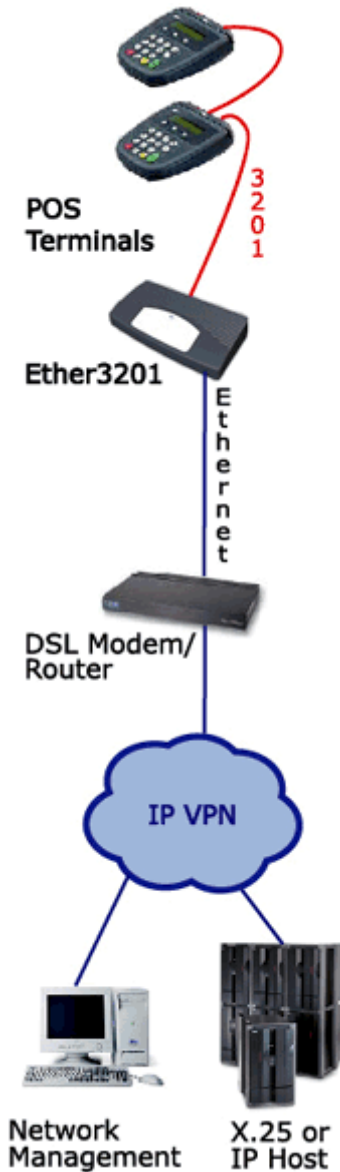
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[www.precidia.com](http://www.precidia.com)

# Features

- Seamlessly converts Datapac™ 3201 to IP
- Compatible with TCP/IP networks for Internet and Intranets
- Preloaded message formats for most transaction processors
- Built-in static/dynamic web pages accessible via web browser or Telnet
- Local and remote configuration and software upgrade capability
- Can route to 8 different destinations based on poll code or message characteristics/content
- Local and remote password protection
- Routing redundancy in case of host failure
- Supports IPSec (manually keyed)
- SNMP support for third party network management
- Supports Visa 1/2, First Data and PassThrough protocols
- Supports transparent mode and non-transparent mode
- Accepts static or dynamically assigned IP addresses
- Management features for activity logging, statistics collection, remote diagnostics, and configuration and diagnostics via Telnet or HTTP
- Visual status LEDs
- One year warranty

# Specifications



	Ether3201-202	Ether3201-232
• Datapac™ Interface:	Bell 202T	RS232
• Datapac™ Connector:	RJ-45	DB9 DTE
• Datapac™ Speed:	1200 bps	1200-9600 bps
• Ethernet Interface:	Ethernet II, IEEE 802.3, 10Base-T	Ethernet II, IEEE 802.3, 10Base-T
• Ethernet Connector:	RJ-45	RJ-45
• Ethernet Speed:	10 Mbps	10 Mbps
• Status LEDs Indicators:	Power, Ethernet (link, collision, transmit), 3201 (transmit, status, carrier)	Power, Ethernet (link, collision, transmit), 3201 (transmit, status, carrier)
• Protocol Supported:	ARP, ICMP, IP, UDP, TCP,	ARP, ICMP, IP, UDP, TCP,
• Configuration:	IP, subnet mask, router, multi-host protocol	IP, subnet mask, router, multi-host protocol
• Network Services:	Telnet, SNMPv2C, HTTP, TFTP, DHCP, IPSec (manually keyed)	Telnet, SNMPv2C, HTTP, TFTP, DHCP, IPSec (manually keyed)
• Power requirements:	9V DC external, 500mA	9V DC external, 500mA
• Operating Temperature:	0-50°C / 32-125°F	0-50°C / 32-125°F
• Dimensions (h x w x d):	28 x 155 x 80 mm (1.1 x 6.0 x 3.1 in.)	28 x 155 x 80 mm (1.1 x 6.0 x 3.1 in.)
• Weight (including power supply):	500 g (17.14 oz)	500 g (17.14 oz)



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Precidia Technologies Inc. is a global leader in the design and manufacture of IP access devices for a wide range of industries, including retail payments and building automation. With customers in over 45 countries, Precidia's unique product line of wired and wireless access devices as well as chip technology seamlessly migrates stand-alone serial equipment onto more sophisticated IP networks.

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