

# IEN 500

A reliable, flexible and powerful POS solution.



## Product Data

The IEN 500 allows Point of Service (POS) processors remote connectivity and transport options currently available in local configurations. This integrated access device (IAD) allows for simultaneous traffic from Ethernet and a legacy protocol such as asynchronous, bisynchronous and SDLC, to be transported over a Frame Relay or IP WAN. The IEN 500 is the logical choice for customers who want to utilize the benefits of running IP terminal transactions over a managed WAN interface.

## Key Features

- Provides single slot for plug-in, hot-swappable port processors
- Fully configurable from network management system, no command line configuration required
- Uses Frame Relay at lower bandwidths to maximize network performance and balance costs
- Supports IP WAN connections through the user of an external router
- Supports Triple DES encryption over the WAN connection
- Fully integrated legacy protocol termination and transport capability
- Supports 1 to 3 physical interfaces
- Auto-sensing dial backup is available as an option for an extra level of fault tolerance

Whether you're looking for a reliable payment terminal, innovative, value-add technology, or a complete electronic transaction management system, Hypercom can deliver. Our product portfolio ranges from basic credit authorization to full transaction transport and more. Hypercom is more than a one-stop shop for payment terminals, it's a provider of complete, end-to-end transaction solutions that expand the possibilities at the POS in ways that translate to greater profits.

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## Technical Specifications:

### Chassis

- 1 slot for plug-in, hot-swappable port processor modules

### Communications

- UTP: 10 Mbps
- High-speed serial: V.35
- Low-speed serial: RS-232C

### Power

- AC: 110-230 V, 1.0 A, 50/60 Hz

### Footprint

- 8.5 in x 14.0 in x 2.0 in/21.6 cm x 35.6 cm x 5.1 cm

### Weight

- 4.5 lbs/20.0 kg

### Environment

- Temperature: 0-40°C/32-104°F
- Humidity: 25 to 95%, non-condensing
- Heat dissipation: 34 BTU/hr

### Certifications

- FCC Part 15, UL (USA and Canada), CB, ICES and CE

## Reliability Built In

- Part of the long-lasting, world renown family of IEN products
- Built on a framework that relies on standards and industry standards
- Utilizes a unique internal transport mechanism and encryption technology, which has the ability to transport data in its native mode, saving bandwidth and providing secure transmission for transactions.

## Flexible - - Development and Growth

- Allows users to start small and expand their framework as new requirements develop
- Provides freedom to implement more cost-effective services, to continuously integrate newer applications and to tailor a complete network solution that extends existing investments
- Allows Hypercom terminals in multiple locations to consolidate and leverage technology such as IP
- With IP technology, the IEN 500 provides throughput of two to four seconds for existing terminals.

## Powerful Network Management

- HypercomView, Hypercom's network management system, delivers all of the tools needed to keep POS network running smoothly
- Client/server architecture provides comprehensive activity and performance statistics, alerts and alarms, and remote downloads and upgrades
- Sets new standards in GUI-based management for detail, simplicity and speed.

### World Headquarters:

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