

# CertainT 100

Reliable, fast, secure POS solution.



## Product Data

The CertainT 100 is a dedicated transaction accelerator that provides faster, secure delivery for point of service (POS) transactions over the Internet. The CertainT 100 (CT100) can be used to intercept encrypted SSL traffic, decrypt it and establish an unencrypted connection with the desired transaction host. The returned transactions can then be encrypted and sent back to the client. This process ensures added security for the processor or merchant transactions. By offloading the SSL and encryption support from the host processor, the CT100 frees up important CPU cycles, thus eliminating host processing for the future.

## Key Features

- Saves time and money with fast transaction delivery
- Intercepts encrypted Secure Socket Layer (SSL) traffic, decrypts, then establishes an unencrypted connection with transaction hosts
- Supports DES and Triple DES encryption
- Supports all major commercial Web servers
- Installed in a standard rack or as a standalone unit on a flat surface

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:

### Power

- AC: 100-250 V, 50/60 Hz
- Fuse: available with DC power supply only
- The use of a UPS and an AVR are highly recommended to ensure proper operation.

### Footprint

- 16.9 in x 1.7 in x 19.5 in/43.0 cm x 4.4 cm x 50.5 cm
- Clearance (front & rear): 2.0 in/5.0 cm

### Weight

- 19.4 lbs/7.3 kg (approximate)

### Environment

- Temperature: 0-40°C/32-104°F
- Humidity: Max 95%, non-condensing
- Altitude: 10,000 ft.

### Reliability

- 3650 days or 10 years for fuse (MTBF calculated)

### Certifications

- United States: FCC part 15, UL 60950-1
- Canada: CSA C22.2 No. 60950-1-03
- European Union: EN55022, EN61000-3-2, EN55024, EN61000-3-3, EN60950

## Reliability Built In

- Part of the long-lasting, world renown family of Hypercom products
- Built on a framework that relies on standards and industry experience
- Utility generates SSL certificates and encryption keys.

## Fast

- Supports data compression for speedier transport
- Supports from 700 to 2800 concurrent connections.

## Secure

- Supports DES, Triple DES, DH, DSS, MD5, RC2, RC4, RSA, SHA-1 encryption
- Key sizes up to 2048 bits
- Supports SSL documents
- SSH secure command line management
- Dynamic configuration through password-protected serial console.



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### Global Locations:

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