

Optimum T4100

The perfect balance of cost, performance and security.



 **Optimum T₄₁₀₀**

Product Data

The Optimum T4100 is truly unique for our industry – the first terminal that cost-effectively combines performance, security, reliability and ease of use. These elements are the cornerstone of our Optimum family.

Key Features

- Easily and securely supports applications for both dial and IP/SSL
- Adaptive and interactive multiple application architecture
- Powerful Intel® XScale® 32-bit processor delivers fastest transaction times in the industry - dial or IP
- 24MB of memory to support more value-added applications than any other terminal with room to grow
- 2" or 3" printer handles text and graphics at an industry-leading 18 lines per second
- Secured by RSA
- "One touch" capability for daily functions
- Fastest downloads using standard 56K dial modem or secure IP
- Fewer keystrokes to deploy than any other terminal via revolutionary user interface
- Complete IP diagnostic application simplifies support and installation
- Integrated PIN pad comes standard
- Multi-merchant feature capable of up to 20 unique IDs in one terminal
- Industry first counter tip program that prompts for the tip at the PIN pad

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.



Optimum T4100

The perfect balance of cost, performance and security.

Technical Specifications:**

Processor

- Intel XScale, 32-bit processor operating at 200MHz with performance of 250 MIPS

Keypad

- Elastomeric: 35 keys, water splash-resistant; 6 soft keys; 19-key model available

Display

- 160 x 80 graphics
- Backlit

Card Reader

- Magnetic stripe: Tracks 1, 2 & 3 (standard)
- Contactless payment: Compatible with OTI and Vivotech external readers; standalone unit connected via miniDIN; RS-232 port

Communications

- 10/100Base-T Ethernet (standard)
- PIN pad port: 4-wire, RS-422
- Modem: 56K/90, synchronous (SDLC) and asynchronous
- Dual RS-232 ports (standard with use of splitter); Optional RS-232 / RS-485 LAN with splitter

Printer

- SureLoad™ clamshell printer: Drop-in loading, thermal technology, 384 dots per line, 18 lines per second, including graphics
- Paper roll: 2.24" (standard), 3" (optional); 57mm x 80mm diameter

Memory

- Flash: 8MB
- SDRAM: 16MB
- SRAM: 512KB (non-volatile)
- SRAM backup: 5-year battery

Power

- AC: 100-240 V, 50/60 Hz
- DC: 12 V, 2 A

Footprint

- 8.94 in x 5.91 in x 2.52 in / 22.7 cm x 15.0 cm x 6.4 cm

Weight

- 1.9 lbs/0.86 kg

Environment

- Temperature: 0-45°C/32-115°F
- Humidity: Max 85%, non-condensing
- ESD: 12,000 volts

**US standards only

Please see your Regional representative for additional options and configurations.

© 2006 Hypercom Corporation, all rights reserved. Hypercom is a registered trademark of Hypercom Corporation. The Hypercom logo is a trademark of Hypercom Corporation. All other products or services mentioned in this document are trademarks, service marks, registered trademarks or registered service marks of their respective owners. Product Specifications subject to change without notice.

940435-001, Rev D April 2006

Cost-Effective

- Fast downloads and transactions via an integrated 56K modem or secure Ethernet connection reduces communications costs and downtime
- Wizard-style user interface with an embedded help system for terminal configuration allows for faster and more accurate terminal deployment
- Real investment protection through 24MB memory, PKI security designed in conjunction with RSA, Inc., 32-bit Intel XScale processor, fast graphic printer and Adaptive Application Environment (AAE)
- Integrated IP diagnostic application with an embedded help system assists in effective installation and troubleshooting while reducing the number of help desk calls and terminal replacements.

Performance

- Supports dial and IP applications simultaneously in one terminal
- Full featured, secure terminal management system including local or web-based options
- Eighteen lines per second SureLoad printer is powerful enough to print graphics and barcodes effortlessly
- Use either a single application with embedded rich features and functions and value-added applications, or independent application modules
- Takes receipt customization to a whole new level with four header lines (six if using multi-merchant), four receipt footer lines and configurable idle screen text
- Supports Fast Payment Service for restaurants
- Supports ECI indicators to qualify web-based transactions.

Security

- Protection against all Internet threats via our advanced security system designed with RSA, Inc.
- Intelligent memory protection which provides a stable environment where applications can interact with each other safely and efficiently
- True SSL transactions powered by the Intel XScale 32-bit processor are the fastest and most secure in the industry, and eliminates the security compromise of open sessions.

Total Merchant Services

5251-C Highway 153 Suite 266

Hixson, Tn 37343

888 871-4558

www.total1234.com

World Headquarters:

Hypercom Corporation | 2851 W. Kathleen Road, Phoenix, Arizona 85053, USA
Tel: +1.602.504.5000 | Fax: +1.602.504.4655 | Web: www.hypercom.com

Global Locations:

North America | Latin America | Asia/Pacific Rim | Europe | Middle East | Africa | Australia