

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.



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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.

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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.

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