

# ▶ Optimum T4100

the perfect balance of cost,  
performance and security



Ready for the next dimension of payment:

- Easily supports applications for both dial and IP/SSL
- Adaptive 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
- 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, dial or IP
- Fewer keystrokes to deploy than any other terminal via revolutionary user interface
- Complete IP diagnostic application simplifies support and installation
- Integrated PIN pad



 **Optimum T<sub>4100</sub>**

**HYPERCOM**

# Optimum T4100

the perfect balance of cost, performance and security

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.

## 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
- 18 lps SureLoad™ printer is powerful enough to print graphics and barcodes effortlessly
- Provides option of using either a single application with embedded rich features and functions and value-added applications, or independent application modules, allowing you to perform multi-application loads to multiple sources in a single command.

## 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.

Whether you're looking for a reliable payment terminal, an innovative value-add technology, or 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.

## Specifications: \*\*

**Processor**  
Intel® XScale®, 32-bit processor

**Display**  
LCD: 160 x 80 graphics  
backlight reliable to 50,000 hours  
(half-life calculated)

**Keypad**  
Elastomeric; 35 keys, water splash-resistant;  
6 soft keys; 19-key model available;  
reliable to 500,000 keystrokes (calculated)

**Magnetic Stripe Reader**  
Tracks 1, 2, 3 (standard);  
reliable to 400,000 reads (calculated)

**Communications**  
10/100Base-T Ethernet;  
PIN pad port: 4-wire RS-422;  
Modem: 56K/V.90,  
synchronous (SDLC) and asynchronous

**Contactless Payments Reader**  
Compatible with OTI and Vivotech external  
readers; Standalone unit connected via  
miniDIN; RS-232 port

**Printer**  
SureLoad™ clamshell design,  
drop-in loading, thermal technology,  
384 dots per line, paper roll (2.25" standard;  
3" optional) 57mm wide x 80mm diameter;  
18 lines per second, including graphics

**Memory**  
8Mbytes Flash, 16Mbytes SDRAM  
512 kb SRAM (non-volatile);  
SRAM backup: 5-year battery

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

**Footprint**  
8.94in x 5.91in x 2.52in /  
22.7cm x 15.0cm x 6.4cm

**Weight**  
1.9 lbs / .709 kg

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

**Reliability**  
100,000 hours (MTBF calculated),  
excluding printer

\*\*US standards only.  
Please see your Regional representative  
for additional options and configurations.

Specifications subject to change without notice.

### World Headquarters:

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

Hypercom Locations: **North America** | **Latin America** | **Asia/Pacific Rim** | **Europe** | **Middle East** | **Africa** | **Australia**

© 2002-2005 Hypercom Corporation, all rights reserved. Hypercom and the Hypercom logo are registered trademarks of Hypercom Corporation. ICE 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.



www.hypercom.com

