

Optimum T4100

the perfect balance of cost,
performance and security



Ready for the next dimension of payment:

- Easily supports both dial and IP with SSL applications
- 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 18 lines of text with graphics per second
- Secured by RSA
- "One touch" capability for daily functions
- Downloads at speeds up to 2 minutes in IP and 8 minutes in dial
- Fewer keystrokes to deploy than any other terminal via revolutionary user interface
- Complete IP diagnostic application simplifies support and installation
- Supports wide range of peripherals

 **Optimum T₄₁₀₀**



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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
- 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:

- Applications in the terminal can use dial or IP (or both) simultaneously, allowing applications that use dial and IP can co-exist in the same 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 control how you implement value-added applications

Security:

- Protection against unauthorized applications and external attacks via our advanced POS PKI designed with RSA, Inc.
- Intelligent memory protection which provides a stable environment where applications can interact with each other safely and efficiently
- True SSL connections through our Intel XScale 32-bit processor which provides the fastest and most secure transactions in the industry, eliminating the compromise of additional time for SSL 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; reliable to 500,000 keystrokes
(calculated)

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

Communications
(2) RS-232 with power out, RS-232 without
power; 10/100Base-T Ethernet;
PIN pad port: 4-wire RS-422;
Modem: 56k/V.90,
synchronous (SDLC) and asynchronous

RFID
Optional built-in RFID (module compliant
with ISO 14443 A and B); 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.

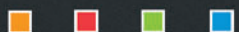
Specifications subject to change without notice.

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