



### ► Approvals



### ► Programs

- Retail and restaurant
- Free terminal programs
- Small merchants
- Sunset programs
- Check verification
- Gift and loyalty
- Retail with tip
- Multi-Merchant
- Multi-Application

## The Optimum answer for small merchants

Why settle for a dial terminal that limits your business? The T4205 is everything a merchant needs, nothing they don't. Since the T4205 is built on the extremely successful T4200 platform, your existing certified business applications for T4200 family terminals will run on the T4205 without any modifications. That's right! No re-certification is needed to take immediate advantage of the economically priced and full featured T4205.

The T4205 comes standard with 24MB of total memory, an ARM9 processor for fast transactions and multi-application support. The T4205 is also PCI PED approved so that you can support debit with or without an external PIN pad. No better value exists for sensibly upgrading your install base to PCI PED compliance. You can also accept chip card transactions with the optional EMV-approved reader.

Shouldn't your merchants enjoy the benefits of an economical next generation terminal without compromise? Don't settle for second best, offer the T4205 as part of your total product portfolio offering and see the difference that Hypercom can make for you.



*HyperSafe32 prevents merchant slaming*



*Secure, PCI-PED approved*



*Optional Privacy Shield*

## AFFORDABLE, HIGH-END FEATURES.



**Powerful** ► 32-bit ARM9 processor

**Fast** ► V.34 modem standard

**Functional** ► Full multi-application

**Easy-to-use** ► ADA-style key layout and integrated PCI PED approved PIN pad

**Adaptable** ► Optional EMV chip card reader

**Economical** ► Perfect compliment to the T4200 product range

**Modern** ► High-end features and value

**Secure** ► Designed for the most stringent security regulations


**THE PREMIER, HIGH VALUE, ECONOMICAL POS SOLUTION**
**TECHNICAL SPECIFICATIONS:**
**PROCESSOR**

- 32-bit ARM9

**KEYPAD**

- 19 buttons; PCI PED approved; water splash-resistant
- 6 navigation buttons
- ADA-style markings

**DISPLAY**

- LCD with graphics
- 160 x 80 resolution
- Green LED, backlight

**CARD READER**

- **Magnetic stripe:** Bi-directional, Tracks 1, 2 & 3
- **Chip card:** Optional; EMV4.0 Level 1 & 2, ISO 7816
- Up to three SAM slots

**COMMUNICATIONS**

- **Primary:** Dial
- **Modem:** V.34/33.6Kbps
- **Ports:** RS-232 for peripherals, PIN port for external PIN pad

**PRINTER**

- SureLoad® clamshell design, drop-in loading, thermal technology, 384 dots per line
- 10+ lines per second
- **Paper roll:** 2.25", 50mm max. diameter

**MEMORY**

- **Total:** 24MB
- **Flash:** 8MB
- **SDRAM:** 16MB
- **SRAM (non-volatile):** 512K
- **SRAM Backup:** 5-year battery

**POWER**

- **AC:** 100-240V, 50/60 Hz
- **DC:** 7.5V, 2.0A

**ENCRYPTION**

- **PCI PED approved**
- **Triple DES:** ANSI X9.52, PIN-ANSI X9.8, MAC-ANSI X9.9 Part 1-ANSI X9.24
- **Key management:** DUKPT, Triple DES DUKPT and Triple DES master/session keys

**FOOTPRINT**

- 3.6 in (w) X 8.2 in (l) X 2.4 in (h)
- 91.7 mm (w) x 208.8 mm (l) x 62.0 mm (h)

**WEIGHT**

- 14.4 oz / .41 kg

**ENVIRONMENT**

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

**Simple, Easy-To-Use Features**

- ▶ Run your T4200 family applications on the T4205 without the time and expense of re-certification or re-training your helpdesk. If you already support a T4200 product, the T4205 makes perfect sense!
- ▶ Large, ADA-style, 19-key layout allows for easy key recognition. The Clear, Enter, Cancel and "5" keys provide tactile feedback for visually-impaired customers
- ▶ Slim form factor makes it perfect for handover installations
- ▶ Industry-leading software includes the functionality necessary to introduce value-added opportunities to merchants.

**Fast, Time-Saving Performance**

- ▶ V.34 modem provides superior performance for faster downloads and faster data transfers
- ▶ The ARM9, 32-bit processor provides speed and functionality. It delivers four times the processing power and speed of an ARM7 processor used in competitive devices.

**High Value**

- ▶ With more memory, 24MB standard, than competitive devices in its class, the Optimum T4205 easily handles software size increases due to regulatory requirements as well as the addition of value-added applications
- ▶ The T4205 is PCI PED approved for secure PIN transactions
- ▶ Check imagers, PIN pads and contactless check readers can be connected using the peripheral port to provide more payment choices
- ▶ Secure design meets the most stringent security regulations in the industry, including PCI PED
- ▶ The HyperSafe®32 architecture provides the ultimate protection against any unauthorized loading of applications. With HyperSafe32 enabled, you can ensure merchant retention opportunities.

**RUNS T4200 FAMILY APPLICATIONS**

**UPGRADE PATHS TO IP**

**UPGRADE PATHS TO WIRELESS**

**WORLD HEADQUARTERS:**
**Hypercom Corporation**

8888 E. Raintree Drive, Suite 300

Scottsdale, Arizona 85260 USA

Tel: +1.480.642.5000

Fax: +1.480.642.4655

[www.hypercom.com](http://www.hypercom.com)

© 2007 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. 940549-001, Rev B September 2008