HYPERCOM™

Optimum®T4205

▶ Approvals

PCI-PED APPROVED

EMV L1&L2 APPROVED

RoHS COMPLIANT

▶ Applications

- Retail and restaurant
- Free terminal programs
- Entry Level Merchants
- Legacy field upgrades
- Check verification
- Gift and loyalty
- Retail tip

The Optimum answer for entry level merchants

Why settle for an entry level dial terminal that limits your business? The T4205 is great looking, plus everything a merchant needs and more. 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 entry level merchants enjoy the benefits of a real next generation terminal? Don't settle for second best, offer the T4205 as a part of your total product offering and see the difference that Hypercom can make.

Elegant styling

Secure. PCI-PED approved

Hypersafe32 prevents merchant slamming

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

Optimum®

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
- 7+ 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 (w)

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 with no pain of re-certification or re-training of 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 ARM 7 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.

OPTIONAL ACCESSORIES

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HYPERCOM™