OPTIMUM® T4210

OPTIMUM PERFORMANCE WITH MAXIMUM VALUE

Small Footprint

Colored Port Labels

Cable Management

MARKET SEGMENTS

- Retail and restaurant
- Small ticket sales
- MOTO
- E-commerce
- Dynamic check conversion
- Check verification
- Gift and loyalty
- Retail tip

APPROVALS

- PCI PED approved
- EMV Level 1 & 2
- Interac certified
- MasterCard PTSP approved
- RoHS compliant

Hypercom's **Optimum T4210** offers you an affordable dial solution without limits.

The T4210 has high-end features normally found in only more expensive IP and wireless models, such as 24MB of total memory, an ARM9 processor for fast transactions and also multi-application. The T4210 is also PCI PED approved so that you can support debit with or without an external PIN pad. Accept chip card transactions with the optional EMV-approved reader. This makes the Optimum T4210 ideal for magnetic stripe and chip card transactions worldwide. With one of the most slim form factors of any countertop device, it is also perfect for handover environments.

The modular design of the T4210 is unique, protecting your investment while you grow. With its large capacity memory, the T4210 accepts valueadded applications to meet your needs now and in the future. Truly maximizing value at the point of service!

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

Reliable • Designed to withstand retail environments

Flexible • Modular communications provides investment protection

Secure • Designed for the most stringent security regulations

HYPERCOM®

MTG

OPTIMUM® T4210

SIMPLE, EASY-TO-USE FEATURES

- SureLoad® thermal printer design with clear lid alerts cashiers to low paper conditions. The simple drop-in loading virtually eliminates paper jams and the large paper roll means more receipts between changes.
- 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.
- Color-coded port labels simplify service and support.
- Industry-leading software includes the functionality necessary to introduce value-added opportunities to merchants.

FAST, TIME-SAVING PERFORMANCE

- Graphics-capable thermal printer allows merchants to print logos and coupons directly at the point of service.
- 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

- Depot-upgradeable, modular communications provide a flexible platform that can quickly evolve as market requirements emerge. Provides investment protection and are easy to replace for faster service.
- With more memory, 24MB standard, than competitive devices in its class, the Optimum T4210 easily handles software size increases due to regulatory requirements as well as the addition of value-added applications.
- Every T4200 family model is PCI PED approved for PIN transactions.
- The bright, white backlit display utilizes superior display technology to achieve a sharper image for maximum visibility.
- 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.

TECHNICAL SPECIFICATIONS

PROCESSOR	32-bit ARM9
KEYPAD	19 buttons;PCI PED approved; water splash-resistant 6 navigation buttons ADA-style markings
DISPLAY	FSTN LCD with graphics 160 x 80 resolution White LED, backlit
CARD READER	Magnetic stripe: Bi-directional, Tracks 1, 2, & 3 Chip card: Optional; EMV4.0 Level 1 & 2, ISO 7816 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 15+ lines per second Paper roll: 2.25", 50mm 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, 2.8A
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 8.1 in (l) x 2.3 in (h)/ 91.44 mm (w) x 205.74 mm (l) x 58.42 mm (h)
WEIGHT	1.06 lbs / 0.48 kg
ENVIRONMENT	Temperature: 0-45°C/32-115°F Humidity: Max 85%, non-condensing ESD: 12,000 volts

HYPERCOM®

© 2007-2008 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. 940535-001, Rev C October 2008

WORLD HEADQUARTERS:
Hypercom Corporation
8888 E. Raintree, Suite #300 - Scottsdale, Arizona 85260 USA
Tel: (480)642-5000 - Fax: (480) 642-4655
www.hypercom.com