



► **Approvals**

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

► **Applications**

- Auctions
- Delivery
- Flea markets
- Sporting venues
- Attended kiosks
- Vendor stands
- Trade shows
- Transportation

Optimum Portability, Maximum Opportunity

Hypercom's Optimum M4230 is a unique mobile terminal that offers GPRS connectivity in a compact design. Created to operate on the same terminal application foundation as the popular Optimum T4200 family, the M4200 series expands the 4200 range, adding mobility to the Optimum terminal family line. The M4230 incorporates a removable, extra long-life battery for extended use between charges.

The M4230 can be re-charged by connecting the charger directly into the terminal or through an optional charging dock that also provides dial backup.

This truly powerful device has combined all the best-of-breed features of the Optimum T4200 family into a mobile device using common software applications, user interface and supporting systems.

While meeting today's most stringent industry standards for wireless terminal security, the Optimum M4200 family also makes wireless easy and affordable when combined with Hypercom's Mobile Networking service. See why Hypercom is your *Total Solutions, Total Security* provider.



Ask about our Mobile Solutions



Removable, long life battery



Optional charging dock includes dial backup

PORTABLE, SECURE PERFORMANCE



- Powerful** ► 32-bit ARM9 processor
- Fast** ► GSM/GPRS with V.34 modem via optional charging dock
- Functional** ► Full multi-application capability
- Easy-to-use and secure** ► PCI PED approved PIN pad
- Adaptable** ► Optional EMV card reader
- Hard Working** ► Extra long battery to meet the most demanding mobile requirements
- Complete** ► Hypercom Mobile Networking makes wireless easy and affordable

POINT OF SERVICE ON THE GO

TECHNICAL SPECIFICATIONS

PROCESSOR

- 32-bit ARM9

KEYPAD

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

DISPLAY

- FSTN LCD with graphics
- 160 x 80 resolution
- White LED, graphics capable; backlit

CARD READER

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

COMMUNICATIONS

- **Primary:** GSM/GPRS
- **Modem:** V.34/33.6Kbps via docking station
- **Ports:** RS-232 for peripherals

PRINTER

- SureLoad® clamshell design, drop-in loading, thermal technology, 384 dots per line
- 15+ lines per second
- Paper roll: 2.24", 50mm diameter

MEMORY

- **Flash:** 8MB
- **SDRAM:** 16MB
- **SRAM:** 512KB (non-volatile)
- **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

- 3.62 in (w) x 8.24 in (l) x 2.59 in (h)
- 91.95 mm (w) x 209.3 mm (l) x 65.79 mm (h)

WEIGHT

- 1.34 lbs / .60 kg (Terminal only)

ENVIRONMENT

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

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 for mobile merchants
- ▶ Color-coded port labels simplify service and support
- ▶ Industry-leading multi-application includes the functionality necessary to introduce value-added opportunities to merchants

Fast, Time-Saving Performance

- ▶ Graphics-capable thermal printer ideal for printing logos and coupons directly at the point of service
- ▶ GSM/GPRS technology enables an always on connection for merchants to process transactions from anywhere, anytime
- ▶ V.34 modem available via optional charging dock
- ▶ The ARM9, 32-bit processor provides speed and functionality. It delivers four times the processing power and speed of the ARM7 processor used in competitive devices

Unsurpassed 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 M4230 easily handles software size increases due to regulatory requirements as well as the addition of value-added applications
- ▶ Every M4200 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 readers can be connected using the peripheral RS232 port on the terminal or the optional charging dock to provide more payment choices
- ▶ Secure design meets the most stringent security regulations in the industry, including PCI PED and PTSP. The HyperSafe®32 architecture provides the ultimate protection against any unauthorized loading of applications and safeguards your investment

OPTIONAL ACCESSORIES



PRIVACY SHIELD



CHARGING DOCK FOR THE CONVENIENCE OF DIAL BACKUP



CAR ADAPTER



SUPPLIES



WORLD HEADQUARTERS:
Hypercom Corporation
 8888 E. Raintree, Suite #300
 Scottsdale, Arizona 85260 USA
 Tel: +1.480.642.5000
 Fax: +1.480.642.4655

www.hypercom.com

© 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. 940548-001, Rev B October 2008