



► **Approvals**

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

► **Applications**

- Retail
- Restaurant
- Pay-at-the-table
- Attended kiosks

**Optimum Performance with Maximum Value**

Hypercom's Optimum M4240 is a powerful Bluetooth terminal for ultimate functionality in a compact portable design for virtually any installation. The M4240 has industry leading features such as 24MB of total memory, an ARM9 processor for fast transactions and multi-application. The Bluetooth enabled Access Point features IP or dial communications and an RS-232 port for the most secure direct pairing and can be mounted anywhere for optimal range and performance.

The M4240 also features an optional charging dock for convenience. Combine that with the M4240's compact design and intuitive interface and it is the perfect solution for short range wireless markets such as Pay-at-the-table or installations where traditional connectivity is costly or prohibitive.

Truly designed for maximum performance, the Optimum M4240 features new "Power-Amp" Bluetooth technology, providing the best connectivity over the greatest distance, even through barriers and obstacles that may exist at the merchant location. The reception and range of the M4240 Bluetooth solution is over double that of competitive models.



*Ideal for Pay-at-the-table*



*Super long range Bluetooth technology*



*Unrivaled security*

**AFFORDABLE, HIGH-END FEATURES**



- Powerful** ► 32-bit ARM9 processor provides new powered extended range Bluetooth technology
- Fast** ► Bluetooth with separate V.90 or IP access points
- Functional** ► Full multi-application capability
- 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
- Range** ► New Bluetooth technology, achieves more than double the range of like devices

**REAL VALUE WITH REDUCED COST OF OWNERSHIP**

**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, graphics capable; backlit

**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:** Class 1 Bluetooth
- **Ports:** RS-232 for peripherals
- **Access point:** RS-232 for pairing; V.90 dial or IP

**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**

- 3.62 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**

- 1.31 lbs / .59 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**

- ▶ Great alternative to WiFi solutions as it is easier to install and does not require access to a customer's sensitive network
- ▶ Industry-leading multi-application includes the functionality necessary to introduce value-added opportunities to merchants
- ▶ Large, easy-to-use 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 and portability
- ▶ Color-coded port labels simplify service and support
- ▶ 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

**Fast, Time-Saving Performance**

- ▶ Graphics-capable thermal printer allows merchants to print logos and coupons directly at the point of service
- ▶ "Power Amped" Bluetooth technology provides fast connectivity over long distances and the best coverage through barriers and obstacles that may exist at the merchant location
- ▶ Bluetooth enabled access point features IP or dial communications for secure direct pairing that can be mounted anywhere
- ▶ A separate access point from the optional charging dock offers convenience for optimal placement to obtain the most coverage
- ▶ The reception and range is over double that of competitive models
- ▶ 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**

- ▶ Depot-upgradeable, modular communications provide a flexible platform that can quickly evolve as market requirements emerge. Provides investment protection & is easy to replace for faster service
- ▶ With more memory, 24MB standard, than competitive devices in its class, the Optimum M4240 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
- ▶ 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

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**OPTIONAL ACCESSORIES**



**PRIVACY SHIELD**



**CONVENIENT CHARGING DOCK**



**ETHERNET OR DIAL ACCESS POINTS**



**SUPPLIES**



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