



▶ **Market Segments**

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

▶ **Approvals**

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

Optimum Portability with Maximum Opportunity

Hypercom's Optimum T4230 is a unique wireless terminal that offers GPRS connectivity in a countertop design. Wherever there is access to a power outlet, but limited or no access to dial or other wired communications, the Optimum T4230 fills the need. Experience all the benefits of a wireless connection in an affordable countertop model. Hypercom has combined all the best-of-breed features of the Optimum T4200 family into this wireless device.

Need the assurance of a dial modem to go with your wireless terminal? The Optimum T4230 has a V.34 modem standard in every model. Whether you choose to use dial or wireless with dial backup, the Optimum T4230 is ready to go.

The Optimum T4200 line of terminals from Hypercom also meets today's most stringent industry standards for wireless security.



Small footprint



Portability



Colored port labels

PORTABLE, SECURE PERFORMANCE



WIRELESS



Powerful ▶ 32-bit ARM9 processor

Fast ▶ V.34 modem standard

Functional ▶ Full multi-application capability

Easy-to-use and secure ▶ PCI PED approved PIN pad

Adaptable ▶ Optional EMV card reader



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
- Graphics capable; backlit

CARD READER

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

COMMUNICATIONS

- **Primary:** GSM/GPRS
- **Modem:** V.34/33.6Kbps
- **Ports:** RS-232 for peripherals, PIN port for external PIN pad; Line port for Telco

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

- 3.6 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

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 allows you to place this unit as a dial first - IP later and gives the assurance of dial backup to IP
- ▶ 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

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 T4230 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 and PTSP. The HyperSafe[®]32 architecture provides the ultimate protection against any unauthorized loading of applications

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940537-001, Rev C October 2008

OPTIONAL ACCESSORIES



PRIVACY SHIELD



MONO CABLE SYSTEM



SUPPLIES



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