



## ► Approvals

- PCI PTS 2.xx
- PCI PA-DSS
- X509 Standard Public Key Infrastructure
- EMV Level II
- Interac
- PCI PIN Security Guidelines 2.0, Normative Annex A approved (Remote Key Injection Capability)
- RoHS compliant

## ► Security Features

- Application Signing
- Download System Signing
- POS System Signing
- Public Key Signing
- End-to-End Transaction Security
- Remote Key Injection

## Wide Color Screen Allows for Both Advertising and Electronic Signature Capture

Starting right now, there's a revolutionary new line of high-performance, ergonomic and cost-effective customer-facing interactive terminals from Hypercom. Built on the Linux operating system, the L5000 family is the next generation of sleek, modular and expandable payment and advertising terminals specifically built for the multi-lane environment.

Hypercom's L5200 payment terminal features a 400 MHz, 32-bit processor for fast transactions, and supports streaming or pre-loaded video clips. With its 64MB memory capacity (128MB optional) and a MicroSD memory expansion slot, the L5200 is equipped to handle new value-added applications or video advertising.

The L5200 has an 18-bit (256K) color, QWVGA (480 x 272 resolution), wide screen LCD display, integrated capacitive glass touch screen, audio and video capabilities, and electronic signature capture. This allows the L5200 to easily support interactive marketing programs and in-line advertising campaigns. All of this packaged in a small footprint and light-weight design.

The L5200 includes an integrated keypad with a non-removable rubberized privacy shield. Raised characters on keys were designed to address the needs of the visually impaired. An audio jack also allows for audible prompting using head phones to help meet Section 508 requirements.

Hypercom's commitment to security does not stop with the meeting of payment security compliance requirements. The L5200 comes standard with an encrypting magnetic stripe reader (MSR), ensuring the card data is automatically encrypted as cards are swiped, thus protecting sensitive card information during the transaction process. Each device has a full X509 public key infrastructure, allowing retailers to protect their applications from hacking and preventing all malware attacks.



Wide Screen, 4.3" Color Screen Perfect for Advertising Campaigns



Electronic Signature Capture



Standard Encrypting Magnetic Stripe Reader

## LOW COST, HIGH PERFORMANCE MODULARITY



L5200 Base Model



Optional Modular Contactless Reader

**Small Footprint** ► Ergonomic design takes up less space on your counter

**Open Platform** ► Built on the Linux operating system

**Fast** ► 400 MHz, 32-bit processor

**Flexible** ► Comprehensive set of communication options

**Secure** ► Designed to meet & exceed compliance requirements

**Privacy** ► Integrated privacy shield with keypad side lighting

**Application Integration** ► Proven FPE forms processing engine assures rapid integration and facilitates migration from existing L4xx products

# L5200



## LOW COST, HIGH PERFORMANCE MODULARITY

### TECHNICAL SPECIFICATIONS

#### PROCESSOR

- 400 MHz, 32-bit processor
- Video decoder

#### AUDIO

- Audio speaker
- Audio jack

#### DISPLAY

- Color: QWVGA, 18-bit, 256K
- Size: 4.3" diagonal display, LCD
- Resolution: 480 x 272 pixels
- Touch screen: Integrated Capacitive glass

#### CARD READER

- **Magnetic stripe:** Standard, integrated, bi-directional encrypting head, reads Tracks 1, 2 & 3;t
- **Chip card reader:** Standard, modular EMV, non-captive; ISO 7816; 3V & 5V cards; 3 SAM sockets
- **Contactless payment:** Optional, modular contactless reader compliant with ISO 14443 A & B

#### COMMUNICATIONS

- **RS232:** One physical port and an internal port for peripherals
- **Powered USB:** Supports both standard client USB and Powered USB
- Ethernet
- USB Host ports (2), Optional
- **Communication options:** RS485 / Tailgate, Power-over-Ethernet (POE)

#### SECURE PIN ENTRY

- Via integrated keypad

#### MEMORY

- **Standard:** 64MB; expandable to 128MB
- MicroSD port for additional memory expansion

#### POWER

- **AC:** 100-240 V, 50/60 Hz
- **DC:** 12 V @ 700mA or 24 V @ 350mA

#### ENCRYPTION

- **TDES:** PCI PTS 2.xx approved; PIN-ANSI X9.8, MAC-ANSI X9.9
- **Triple DES:** ANSI X9.52
- **Key management:** Supports Master Session and DUKPT Schemas
- PCI PIN Security Guidelines 2.0, including Normative Annex A
- ANSI X9.24 Parts 1 & 2

#### ENVIRONMENT

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

#### COMPLIANCE

- UL/cUL listed (UL60950-1)
- IC: 1204B-078270338 (RFID)
- FCC Part 15B, ICES-003, Class A
- CE, C-tick (Future Planned), CCC (Future Planned)
- FCC ID: NVA0708270338 (RFID)

### Useable and Cost-Effective

- ▶ Robust, integrated capacitive glass touch screen provides high-performance signature capture, ensures value and reliability with the lowest maintenance and repair costs in the industry
- ▶ 4.3" diagonal VGA display allows for in-line advertising and interactive marketing campaigns in bright 18-bit (256K) color
- ▶ Standard EMV chip card reader
- ▶ Optional contactless readers can be integrated for future growth
- ▶ Flexible standard communication options, including RS232, Powered USB and Ethernet, allows for easy integration with existing POS systems, reducing the time it takes to develop, test and certify a custom application

### Maximum Security, Extra Protection

- ▶ Meets industry standard security requirements from ANSI X509, FIPS 140-2 Level 3, Visa PCI PIN 2.0, Normative Annex A, Visa PCI-DSS, ANSI x9.24 Part 1 & 2 and TG-3 Guidelines
- ▶ With HyperSafe or other 3rd party systems, track data encryption can be easily be extended to provide a complete, end-to-end encryption
- ▶ An available feature with the L5200, the HyperSafe LockDown guards against unauthorized re-loads while the HyperSafe AppLock guards against malware attacks software tampering

### Fast, High Performance

- ▶ Fast transaction speeds utilizing 400 MHz, 32-bit processor
- ▶ Achieve faster product integration using Hypercom's Forms Processing Engine (FPE) software
- ▶ High performance 400 MHz processor ensures fast payment transaction processing, application and firmware downloads, and supports video
- ▶ Large, ADA-style, 13-key layout allows for easy key recognition. The Clear, Enter, Cancel and "5" keys provide tactile feedback for visually-impaired customers.
- ▶ Bi-directional, encrypting magnetic stripe reader comes standard
- ▶ Physical keypad with side-lighting and integrated privacy shield

### Connectivity Options

- ▶ Standard communication options include RS232, USB (Client), Powered USB, USB-Host and Ethernet
- ▶ Terminal can also be configured with either an on-board RS485/Tailgate or Power-over-Ethernet interface
- ▶ One or two optional USB Host ports can support additional USB interfaces such as wireless Bluetooth or WiFi communications
- ▶ Ergonomic Contactless Reader can either be factory or field installable

### Terminal Estate Management Services

- ▶ Standard 3 year manufacturer warranty
- ▶ Additional service offerings include: Premier15, Premier7 and Premier1
- ▶ The PremierGreen Recycle Program enables retailers to discard obsolete payment terminals Securely, Economically & in an Environmentally Safe manner

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### OPTIONAL ACCESSORIES



HYPERCOM REMOTE KEY SYSTEM



HYPERSAFE END-TO-END ENCRYPTION SOLUTION  
(First Data, Magtek & Voltage)



CUSTOMIZABLE BEZEL  
(To Match Your Marketing Brand)



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