HYPERCOM®

MULTI-LANE

L5300

▶ 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

Large Color-Screen Allows for Both Signature Capture and In-Line Advertising Campaigns

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 open Linux operating system, the L5000 family is the next generation of sleek, modular and expandable payment and advertising terminals specifically built for the multilane environment.

Hypercom's L5300 payment terminal features a 400 MHz, 32-bit processor for fast transactions, and supports streaming or pre-loaded video clips. With its large capacity memory of 128MB standard (256MB optional) and a MicroSD memory expansion slot, the L5300 securely accepts value-added applications to meet your needs now and in the future.

The L5300 has an 18-bit (256K) color, full VGA (640 x 480 resolution), large LCD display, integrated capacitive glass touch screen, audio and video capabilities, and electronic signature capture. This allows the L5300 to easily support interactive marketing programs and in-line advertising campaigns. All of this packaged in a small footprint and light-weight design.

The L5300 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 L5300 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.

Large, 5.7" Color Screen Perfect for Advertising Campaigns

Electronic Signature Capture

Standard Encrypting Magnetic Stripe Reader

COST-EFFECTIVE, HIGH PERFORMANCE MODULARITY

Optional Modular Communications

Optional Modular Contactless Reader

L5300 Base Model

Platform ▶	Built on the Linux operating system
Small Footprint ▶	Ergonomic design takes up less space on your counter
Fast ▶	400 MHz, 32-bit processor
Flexible ▶	Modular communications provide investment protection
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

L5300

COST-EFFECTIVE, HIGH PERFORMANCE MODULARITY

TECHNICAL SPECIFICATIONS

PROCESSOR
- 400 MHz, 32-bit processor
- Video decoder

AUDIO
- Audio speaker
- Audio jack

DISPLAY
- **Color:** VGA, 18-bit, 256K
- **Size:** 5.7" diagonal display, LCD
- **Resolution:** 640 x 480 pixels
- **Touch screen:** Integrated Capacitive glass

CARD READER
- **Magnetic stripe:** Standard, integrated, bi-directional encrypting head, reads Tracks 1, 2 & 3
- **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:** 1 physical port & internal port for peripherals
- **Powered USB:** Supports both standard client USB and Powered USB
- Ethernet
- USB Host
- **Communication modules** provide RS485 / Tailgate, Power-over-Ethernet (POE), BlueTooth, WiFi, 2nd Ethernet port and full sized SDIO slot

SECURE PIN ENTRY
- Via integrated keypad

MEMORY
- **Standard:** 128MB; expandable to 256MB
- 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

DIMENSIONS
- **Without Contactless Reader:**
  8.31" (l) x 7.09" (w) x 2.52" (h)
  21.1 cm (l) x 18.0 cm (w) x 6.4 cm (h)
- **With Contactless Reader:**
  10.6" (l) x 7.09" (w) x 3.78" (h)
  25.8 cm (l) x 18.0 cm (w) x 9.6 cm (h)

WEIGHT
- **Without Contactless Reader:** 1.8 lbs / 0.82 kg
- **With Contactless Reader:** 2.0 lbs / 0.91 kg

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

▸ 5.7" 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 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 L5300, 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

Modular Connectivity Options

▸ Standard communication options include RS232, USB (Client), Powered USB, USB-Host and Ethernet

▸ Field installable modules support RS485/Tailgate, Power-over-Ethernet, BlueTooth, WiFi, full-sized SDIO port or 2nd Ethernet port

▸ Modular configuration available with an EMV Smart Card Reader or ergonomic Contactless Reader (i.e., field installable)

Terminal Estate Management Services

▸ Standard 3 year manufacturer warranty

▸ Additional service offerings include: Premier**15**, Premier**7** and Premier**1**

▸ The Premier**Green** Recycle Program enables retailers to discard obsolete payment terminals *Securely*, *Economically* & in an *Environmentally Safe* manner

OPTIONAL ACCESSORIES

HYPERCOM REMOTE KEY SYSTEM

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

L5350 (Cordless & Contactless Model)

MODULAR CONNECTIVITY
(Contactless & Communication Modules)

CUSTOMIZABLE BEZEL
(To Match Your Marketing Brand)

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