



► Approvals

- PCI PED 2.x approved
- Interac certified

► Market Segments

- Regional chains
- National chains
- Independent grocers
- Drug stores
- C-stores
- Specialty markets

Secure, Integrated Keypad for the Optimum L4150 Payment and Advertising Terminal

Designed to enhance the overall usability of L4150 terminals, the Optimum L4150 Secure Keypad provides users with an easy-to-install physical keypad to assist the visually impaired during the transaction payment process. The Optimum L4150 Secure Keypad can be used for secure PIN entry, or any numeric data entry, augmenting the virtual keypad capabilities of the L4150 terminal.

When purchased separately, this optional Secure Keypad can be integrated with a new Optimum L4150 PCI PED 2.x terminal. A simple field installation process allows the end-user to quickly connect the Secure Keypad to any Optimum L4150 terminal. There is no need to have financial keys loaded on the Secure Keypad. Personal Identification Numbers (PIN) entered on the Secure Keypad are encrypted using the financial keys on the Optimum L4150 terminal.

For Secure Keypad attachment to older terminals, an initial "pairing key" needs to be loaded to the L4150. No secure room or additional shipping costs or delay are required. Hypercom's HyperSafe® Remote Key System can be employed to load this key in the store or at a deployment center. This key will be pre-loaded on all Optimum L4150 PCI PED 2.x terminals. For data entry on the Secure Keypad, a unique key is generated for each transaction and is used to secure all data transferred between the Secure Keypad and the L4150 terminal.

The Optimum L4150 Secure Keypad is fully PCI PED compliant. When connected to an Optimum L4150 PCI PED 2.x terminal the combined unit is PCI PED 2.x approved. When connected to an older L4150 the combined unit is PCI PED 1.3 approved.



Fully integrated terminal



13-key, water resistant keypad



Various mounting options

FULLY INTEGRATED, TACTILE FEEDBACK



Field upgradeable ► Attaches in seconds

PCI PED 2.x and 1.3 ► Secure PIN entry

Tactile feedback / Raised characters ► Support for the visually impaired

Fully integrated ► Single piece solution

Low-profile design ► Minimal impact on terminal size

DES/Triple DES DUKPT and Master/Session ► Terminal dependent

Tonal feedback ► Confirms data/PIN entry, minimizing human error

Optimum L4150 Secure Keypad

PCI PED 2.x

MULTILANE



FIELD UPGRADEABLE, INTEGRATED KEYPAD FOR THE L4150 TERMINAL

TECHNICAL SPECIFICATIONS

KEYPAD

- Elastomeric, 13 keys
- Raised characters on 5 key and colored control keys meet requirements for the visually disabled

COMMUNICATIONS

- Interfaces to any L4150 regardless of POS connectivity; RS232, USB, PUSB or Ethernet

POWER

- DC: 12 V @ 700mA or 24 V @ 350mA
- Secure Keypad is powered by the same power supply used to power the L4150

ENCRYPTION

- Terminal dependent (M/S, DUKPT)

DIMENSIONS

- Adds only 2 1/2 inches (6.35 cm) to length of L4150
- Contoured to shape of terminal

WEIGHT

- 0.65 lbs (0.3 kg) approximate

ENVIRONMENT

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

COMPLIANCE

- UL/cUL Listed (IEC/EN 60950-1)
- FCC Part 15, Subpart B
- ICES-003
- CE
- EN 55022 / EN 55024
- WEEE
- RoHS

APPROVALS

- PCI PED 2.x approved
- Interac certified

Enhanced Security Features

- ▶ Fully compliant with the latest PCI security requirements
- ▶ Enhanced privacy shield deters unauthorized viewing of the PIN while being entered by the cardholder
- ▶ No financial key injection required for the L4150 Secure Keypad. All PIN encryption is performed in the associated L4150 terminal
- ▶ Unique keys automatically generated and used for encrypting / decrypting all communication between the Secure Keypad and L4150 terminal

Secure Keypad Enhances Terminal Functionality and Usability

- ▶ 13-key PIN pad provides tactile feedback for the visually impaired
- ▶ Keypad can be used for both data (social security numbers, phone numbers, etc.) and PIN entry
- ▶ Based on user preference, customers are able to use either the L4150 Secure Keypad or the virtual PIN pad on the L4150 to enter PIN/data
- ▶ Data/PIN entry provides tonal feedback to minimize human error

Two Deployment Models

- ▶ Secure Keypad can be factory integrated with an L4150 PCI PED 2.x terminal, or
- ▶ Secure Keypad can be ordered separately and installed in the field to any L4150 terminal

Quick and Easy Upgrade Process (ordered separately)

- ▶ Simple installation procedure allows customers to complete the field installation process in minutes
- ▶ Unique "handshaking" between the terminal and the L4150 Secure Keypad provides mutual device authentication, allowing the installation process to be performed in any location
- ▶ Compatible with any L4150 terminal using either DUKPT or Master/Session keys (terminal dependent)

Installation Requirements (ordered separately)

- ▶ Keypad is shipped with all required hardware and interconnect cable
- ▶ Older L4150 terminals may require "pairing" key injection in order to support the L4150 Secure Keypad
- ▶ Please consult with your Hypercom Sales Executive for additional information regarding terminal compatibility and installation requirements

Terminal Estate Management Services

- ▶ Standard 3 year manufacturer warranty (1 year for Secure Keypad shipped separately)
- ▶ Exciting new 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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13-KEY, WATER RESISTANT KEYPAD

Tactile feedback for the visually impaired



VARIOUS CUSTOMER MOUNTING OPTIONS

Compatible with most stands utilizing standard 3-pin mounting system



SECURE PIN ENTRY

Privacy shield deters unauthorized viewing of PIN entry



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