

S8

cost-effective, debit transaction PIN pad



Security solution for Hypercom terminals:

- Complies with international security standards and payment scheme specifications
- Provides two management options
- Allows simplified operations with 4 programmable function keys
- Delivers additional security with all program code on one microchip



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Secure Design

PIN pads provide an extra layer of security against card fraud. In fact, they're so effective that regulatory bodies in the United Kingdom will require their use with all POS terminals beginning 01 January 2005.

Hypercom® S8 PIN pads deliver cost-effective, full-feature debit transaction support and connect easily with all Hypercom terminals, electronic cash registers (ECRs) or third-party POS systems using a Hypercom adapter. Multiple S8 PIN pads can be connected to a LAN using a Hypercom LAN controller or Network Access Controller (NAC).

Dependable Functionality

The Hypercom S8 PIN pads also have a wide range of hardware and software features that ensure dependable encryption and PIN security. Whether used for standalone terminal support, integrated ECR support or stand-beside LAN terminal support, S8 PIN pads are fully reliable and highly secure for all debit transactions. They have impact-resistant construction and are compatible with all Hypercom terminals.

Specifications:

Display

LCD: 2 lines x 16 characters

Keypad

Embossed membrane: 16 keys, water-resistant; 10 numeric, 4 function, 2 control

Communications

Asynchronous: 4-wire, RS-422, 9600-2400 bps

Power

DC: 12 V, 1 A

Security

Physical: Intrusion detector, keyboard integrated with main PCB

Software: Mask program, hard keys and passwords loaded from controlling bank in secure PC environment

PIN Encryption

DES: PIN-ANSI 9.8, MAC ANSI 9.9

Key Management: 12 Master/ session keys or 1 DUKPT

Environment

Temperature: 0-45°C/32- 115°F

Humidity: Max 95%, non-condensing

ESD: 12,000 volts

Footprint

6.1 in x 3.37 in x 1.0 in/15.49 cm x 8.56 cm x 2.54 cm

Weight

0.46 lb/0.17 kg

Product Lifecycle

Reliability: 1,500,000 cycles (calculated)

Specifications subject to change without notice.

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Hypercom Corporation (NYSE: HVC) is a leading global provider of electronic payment solutions that add value at the point-of-sale for consumers, merchants and acquirers, and yield increased profitability for its customers. Hypercom products include secure, Web-enabled card payment terminals that work seamlessly with its networking equipment and software applications for e-commerce, m-commerce, smart cards and traditional payment applications. The company's widely-accepted ePOS-inCommerce (epic) framework of consumer-activated, EMV-certified, touch-screen ICE (Interactive Consumer Environment) terminals enable acquirers and merchants to decrease costs, increase revenues and improve customer retention. Headquartered in Phoenix, Arizona, USA, Hypercom is independently acknowledged as the leading provider of point-of-sale card payment terminals worldwide. Demand for Hypercom terminals surpassed one million units last year alone. Hypercom today maintains an installed base of more than 6 million card payment terminals in over 100 countries conducting more than 10 billion transactions annually.

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