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

HYPERCOM

www.hypercom.com

innovation. results. leadership.

S8

cost-effective, debit transaction PIN pad

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 lbx/0.17 kg

Product Lifecycle
Reliability: 1,500,000 cycles (calculated)

Specifications subject to change without notice.

World Headquarters/ North America
Hypercom Corporation
2851 W. Kathleen Road
Phoenix, Arizona 85053
USA
Tel: +1.602.504.5000
Fax: +1.602.866.5380

Latin America
Hypercom Industria e Comercio LTDA
Centro Empresarial Atibaia
Rodovia Dom Pedro I, KM 87, 5
Av. Tegula, 888-Ponte Alta
Atibaia 12940-000, Brazil
Tel: +55.11.4417.7000
Fax: +55.11.4417.7060
Asia/Pacific Rim

Hypercom Asia Ltd.
21/F Metro Centre II
21 Lam Hing Street
Kowloon Bay, Kowloon
Hong Kong
Tel: +85.2.2561.6800
Fax: +85.2.2561.5890
Europe/Middle East/Africa

Hypercom EMEA, Inc.
Unit 2, Woking Eight
Forsyth Road
Woking, GU21 5SB,
United Kingdom
Tel: +44.1483.718600
Fax: +44.1483.718601

940080-001, Rev. D   02/04

innovation. results. leadership.

HYPERCOM ®

www.hypercom.com