



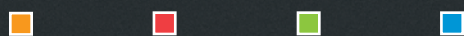
# S9

the ideal solution for PIN-based transactions



**A strategic combination of form and functionality:**

- Unique custom decoration creates a new vehicle for brand awareness
- Cost-effective and easy-to-use PIN entry device
- Meets the latest security standards
- Visa PED and Triple DES-certified
- Easily integrated with existing POS devices



innovation. results. leadership.

[www.hypercom.com](http://www.hypercom.com)

# S9

the ideal solution for PIN-based transactions

The new Hypercom® S9 creates a new opportunity to promote your greatest asset, your brand name. The custom-decorated case allows you to express your brand effectively at the point of sale. The S9 is the most attractive, cost-effective method to accept PIN-based payment transactions.

## Rock-Solid Security

The S9 was designed using the most secure criteria in electronic transaction technology. The S9 incorporates a PIN pad that meets all Visa InfoGard security requirements including tamper-proof case; a separate security processor; and Master/Session DES, Triple DES and DUKPT support. The S9 incorporates a physical 16-key rubber keypad for ADA-compliant PIN entry.

## Reads Both Smart and Magnetic Stripe Cards

Whether customers use magnetic stripe or smart card technology, the S9 offers the flexibility to accept both for payment. With its versatile configuration options, there is an S9 to fit any retail environment.

## Fully Compatible

The S9 comes with a complete set of software utilities to enable rapid integration into your existing POS system. In fact, most retailers and/or software integrators are able to integrate their POS systems to Hypercom terminals in a matter of hours. Using software drivers such as the Windows® DLL, OPOS controls or JavaPOS controls enables retailers to take full advantage of all features and functions of the S9 without having to write a single line of code on the payment terminal.

## Specifications:

### Display

LCD: 2 x 16 characters  
Backlight: 25,000 hours (calculated)

### Keypad

Membrane: 16 silicone rubber keys

### Card Reader

Magnetic Stripe Reader (optional):

Tracks 1, 2 (standard)  
Tracks 2, 3 (optional)  
400,000 reads (calculated)

Smart Card Reader (optional):

EMV4.0 certified; ISO 7816; non-captive;  
3V and 5V cards; two 5V SAMS

### Communications

PIN Pad Port: RS-422 PIN (standard),  
RS-232 3-wire (optional)

### Power

12 V, 100m A (standard)

### Security

Physical: Visa PED approved; Intrusion  
detection, encryption coprocessor

### PIN Encryption

DES: PIN-ANSI 9.8, MAC-ANSI 9.9,  
Triple DES

Key Management: Master/session keys (12)  
or DUKPT

### Footprint

Dimensions: 3.54" x 6.73" x 2.09" /  
90mm x 171mm x 53mm

### Weight

0.29lbs/130g (approximate)

### Environment

Temperature: 0-45°C/32- 115°F  
Humidity: Max 85%, non-condensing  
ESD: 12,000 volts

### Reliability

100,000 hours (MTBF calculated)

### Configuration Options

Option 1: PIN pad only  
Option 2: PIN pad w/magnetic stripe reader  
Option 3: PIN pad w/magnetic stripe and  
smart card reader

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

©2003-2004 Hypercom Corporation, all rights reserved. Hypercom and the Hypercom logo are registered trademarks of Hypercom Corporation. All other products or services mentioned in this document are trademarks, service marks, registered trademarks or registered service marks of their respective owners.

Celebrating 26 years of technology excellence, innovation and leadership, Hypercom Corporation is a leading global provider of electronic payment solution that add value at the point-of-transaction for consumers, merchants and acquirers, and yield increased profitability for its customers.

Widely recognized as the global payment technology innovator, Hypercom delivers comprehensive card payment terminal, network and server solutions that help merchants and financial institutions generate revenues and increase profits.

Headquartered in Phoenix, Arizona, Hypercom's card payment terminal, network and server solutions are leading the transformation of electronic payments in more than 100 countries.

innovation. results. leadership.



www.hypercom.com

940444-001

05/04