

S9SC

A cost-effective combination of form, function and flexibility.



Product Data

The S9 is the most attractive, cost-effective method to accept PIN-based payment transactions. These elements are the cornerstone of our S9 family. Our mission is to deliver to the payment industry the most cost-effective, high-performance and secure products in the market. This is the total transaction solution providing tangible, significant advantages over the competition.

Key Features

- Cost-effective and easy-to-use PIN entry device
- Unique custom decoration creates a new vehicle for brand awareness
- Meets the latest standards
- Visa PED approved
- 3DES capable
- Two-line backlit display
- Range of magnetic stripe and chip card reader options
- Easily integrated with existing POS devices

Whether you're looking for a reliable payment terminal, innovative, value-add technology, or a complete electronic transaction management system, Hypercom can deliver. Our product portfolio ranges from basic credit authorisation to full transaction transport and more. Hypercom is more than a one-stop shop for payment terminals, it's a provider of complete, end-to-end transaction solutions that expand the possibilities at the POS in ways that translate to greater profits.

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Technical Specifications:

Keypad

- Elastomeric: 16 keys

Display

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

Card Reader

- Magnetic stripe: (optional); Tracks 1, 2 (standard), Tracks 2, 3 (optional); 400,00 reads (calculated)
- Chip card: (optional); EMV 4.0 certified; ISO 7816; non-captive; 3V and 5V cards; two SAM sockets

Communications

- PIN pad port: RS-422 PIN (standard), RS-232 3-wire (optional)

Power

- 7.5 - 14 VDC, 100mA (standard)

Security

- Physical: Visa PED approved; intrusion detection, secure cryptographic module

PIN Encryption

- DES: Visa PED approved; PIN-ANSI X9.8, MAC-ANSI X9.9 Part 1-ANSI X9.24
- 3DES: ANSI X9.52
- Key management: DUKPT or 12 master/session keys

Footprint

- 3.54 in x 6.73 in x 2.09 in
9.0 cm x 17.1 cm x 5.3 cm

Weight

- .5 - .6 lbs/.22 - .27 kg (depending on the configuration)

Environment

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

Reliability

- 100,000 hours (MTBF calculated)

Certifications

- PIN pad only (S9)
- PIN pad with magnetic stripe reader (S9C)
- PIN pad with chip card reader (S9S)
- PIN pad with magnetic stripe and chip card readers (S9SC)

Form

- Modern ergonomic design fits comfortably in the hand and makes it easy to use
- Oversized, coloured OK and CANCEL keys aid in customer visibility and speeds transaction times
- Bright two-line backlit display creates easy viewing in diverse environments
- Unique custom decorating creates a new vehicle for brand awareness.

Function

- Meets stringent security requirements, including a processor and RAM encased in epoxy with a secure cryptographic modules, DES, 3DES, Master/Session, DUKPT and 3DES DUKPT support
- Physical 16-button keyboard configuration for ADA-compliant PIN entry
- Visa PED approved, EMV 4.0 approved.

Flexibility

- Two optional configurations facilitate smooth migration - the S9S features integrated chip card reader and the S9SC features an integrated chip/magnetic stripe card reader
- Features Hypercom "plug and play" software, making it backward compatible with T7, ICE™ and Optimum terminals
- Complete set of software utilities to enable rapid integration into your existing POS terminal or ECR system.

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