

P1100

For customer-operated, secure PIN entry.



Product Data

The P1100 from Hypercom delivers rapid, secure transactions with a simple-to-use customer interface. Secure software protects transactions from criminal activities and the flexible design allows cardholders to keep control of their card.

Key Features

- High security cryptoprocessor supporting a wide range of encryption methods
- Extends life of investments, plugs into existing terminal base
- Reliable and robust for integration in retail environments
- Ergonomically designed and ideal for EMV upgrades

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

- 16 hard plastic keys

Display

- 64 x 128 pixel graphic display
- LED backlight

Card Reader

- Magnetic stripe: (optional); Tracks 1, 2 (standard), Tracks 2, 3 (optional), Tracks 1, 2, 3 (optional)
- Chip card: ISO 7816; 3 SIM sockets
- Hybrid reader: (optional)

Privacy Shield

- A selection of privacy shields is available on request

Communications

- RS-232 ports (standard)
- RS-422 ports (optional)
- USB

Memory

- 512KB SRAM for applications
- 512KB SRAM for data

Power

- DC: 12 V, 0.3 A (standard)

Security

- Physical: Intrusion detection and secure CPU

PIN Encryption

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

Footprint

- 3.78 in x 7.36 in x 2.36 in/9.6 cm x 18.7 cm x 6.0 cm

Weight

- .29 lbs/0.13 kg

Environment

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

Cables

- Flat or curly
- A range of lengths available

Colours

- Black with light gray chip card reader (standard)
- A full colour range is available for volume requests

Certifications

- Certified to global standards, including EMV Level 1 and PED approved

Cost-Effective

- Bringing full flexibility to the point of service, the P1100 offers an extensive range of options for chip and magnetic stripe card reader positioning, to suit any merchant environment
- With a choice of communication standards, the P1100 extends the life of investments providing easy connection to and integration with existing terminal devices and EPOS systems.

Performance

- Developed in conjunction with specialist disability consultants, the P1100 provides for easy cardholder use
- Simplified keypad layout features different-sized, colour-coded keys and internationally recognised tactile identifiers, supports by a large graphic display.

Security

- Provides online/offline PIN protection, online data integrity protection and cryptographic support, including 3DES and RSA
- Compliant with international security and communication standards
- Design is robust and reliable in suit any environment.

Hypercom EMEA Ltd

Unit 2, Woking Eight, Forsyth Road, Woking, Surrey GU21 5SB England
Tel: +44.1483.718600 | Fax: +44.1483.718601 | Web: www.hypercom.com

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North America | Latin America | Asia/Pacific Rim | Europe | Middle East | Africa | Australia | Central America