

BENEFITS AT A GLANCE

- Integrated hybrid card reader accepts EMV chip cards and magnetic swipe cards
- Large, easy-to-read display
- Fast ARM processor reduces transaction times
- Flexible Linux platform supports multiple value-added applications
- Supports IP-based LAN communications for easy connectivity



High-Performance PIN Pad with Integrated Hybrid Card Reader

VeriFone's Smart 5000 is a PIN pad with an integrated single-slot hybrid card reader that accepts EMV chip cards and magnetic swipe cards at the point of sale. It seamlessly and consistently detects and accepts payment from either type of card, avoiding confusion at the point of sale and ensuring fast, easy use for both customers and staff.

With a powerful, high-speed ARM processor, payment transactions go through in seconds and minimize checkout

times and queues. The large graphics display is easy to read and supports different character sets for both text and graphics so merchants can use it as an in-store messaging and promotions platform. It also comes with a privacy shield around the PIN pad to safeguard the customer's PIN.

The Smart 5000 supports multiple value-added applications, including prepaid, gift card, stored value and others. With flexible communications options,

including serial, IP/LAN and USB support, the Smart 5000 easily connects to any POS system, including Windows, DOS and Thin Client platforms.

The Smart 5000 PIN pad is EMV Level 1 and Level 2 Type Approved, Visa PED Approved, tamper-responsive, and tamper-evident.

SMART 5000

SMART 5000



SPECIFICATIONS

Operating System

Embedded LINUX – kernel V2.4

Processor

ARM 7 with Memory Management Unit (MMU)

Memory

Flash: 4MB (optional 8MB)
SDRAM: 16MB, SRAM: 512KB

Display

132 x 64 pixel (8 line) backlit graphics display

Hybrid Card Reader

Track 1, 2 & 3 magnetic stripe reader
EMV Level 1 certified chip card reader
3 additional SIM/SAM readers

Keypad

15 keys + 6 programmable keys

Communications

Standard: Serial (RS 232), USB support
Optional: PSTN, ISDN, IP/LAN

Software Security/Encryption

Certified encryption capabilities:
• DES, 3DES, RSA (2048 bit key length) with countermeasures against DPA, DFA, DTA
• SHA1
• DUKPT

Certifications

EMV 2000 Level 1 and 2 certified
Visa PED Approved
T-Systems/ZKA certified

Dimensions

205 x 110 x 120 mm (L x W x H)

Features & Benefits

High-Speed Performance with Flexible Payment Options

- Single-slot hybrid card reader accepts both EMV chip cards and magnetic stripe cards to meet the current and future demands of card acceptance and PIN entry at the point of sale
- Powerful, high-speed ARM processor delivers fast transactions in seconds
- Built-in EMV card acceptance and certified to EMV 2000 Version 4, the latest EMV standard for both hardware and software
- Secure Linux operating system, large memory and advanced memory management make it easy to develop and support a wide range of applications, including payment, prepaid, gift card, stored-value and other transaction processing applications

Remarkably Easy Integration and Use

- Large 8-line, backlit graphic display clearly shows easy-to-read text and graphics, including different character sets and logos
- Flexible communications include serial, IP/LAN and USB support to ensure easy connectivity with any POS system, including Windows, DOS and Thin Client platforms
- Combines with PAYware payment solutions and integration tools to provide a comprehensive end-to-end solution
- 4 programmable keys

Sophisticated Security

- Approved by leading certification authorities, including VISA and ZKA/T-Systems
- Tamper-responsive and tamper-evident
- Fixed privacy shield around the keys prevents observation of customer's PIN entry