



SC 5000

PERFORMANCE AND VERSATILITY AT THE POS

PUT A PROVEN PERFORMER ON YOUR COUNTERTOP — the sleek, stylish SC 5000

programmable PINpad from VeriFone. Need a lightweight, ergonomic device to hand to customers for debit, EBT, or other PIN-based transactions? Want the flexibility of supporting payment, loyalty, and stored value transactions on a space-saving PINpad that readily integrates with your existing POS system?

The SC 5000 is a very versatile performer. A highly readable graphics display, triple-track mag-stripe card reader and full compatibility with VeriFone's Omni line of terminals add to the device's convenience and value. Finally, security is a lock with the latest protections — including advanced encryption, file authentication, and tamper resistance.





FEATURES & BENEFITS

Adapts to any environment

- Programmable PINpad with mag-stripe card reader makes it easy to handle virtually any card-based transaction — from loyalty applications to age verification.
- Securely supports multiple payment and value-added applications on the same device.
- High-speed processor and ample memory streamline transactions to keep lines moving.
- Quickly and efficiently integrates into any POS environment.
- Allows cost-effective controller/host application development — connects with PC-based controllers, terminals, or hosts through a standard RS-232 interface.
- Small footprint preserves precious counter space.
- Works with any VeriFone Omni terminal.

Provides exceptional ease of use

- Palm-sized, “handover” design is perfect for customer PIN entry.
- Offers the largest keys of any VeriFone terminal or peripheral, minimizing training and reducing costly errors.
- Highly readable display provides excellent graphic support.
- Optional backlighting improves readability in low-light environments.

Includes essential security

- Tamper-detection circuitry resists unauthorized intrusions.
- Provides sophisticated security protections, including the latest Triple DES encryption, Master Key/Session Key and DUKPT key management, and VeriShield file signing for screens.
- Visa PED-approved for PIN-based applications.
- Offers the unsurpassed quality and reliability that is synonymous with the VeriFone name.

SPECIFICATIONS

Processor

32-bit microprocessor

Memory

1 MB RAM

Display

2 lines x 16 characters, up to 4 lines x 20 characters, 122 x 32 pixel graphical LCD display, with optional backlighting

Magnetic Card Reader

ISO 7813 choice of dual-track (1,2) or triple-track (1,2,3), bi-directional

Optional Primary Smart Card Reader

Reads all asynchronous microprocessor cards conforming to ISO 7816 -1, -2, and -3. Reads synchronous memory and protected memory cards conforming to ISO 7816-1 and -2. Reads EMV cards conforming to EMV 3.1.1 and EMV 4.0

SAM Card Reader

Choice of 0, 2, or 4 Security Access Module (SAM) readers

Keypad

16 keys; 3 programmable function keys; 3 command keys

Serial Interface

Asynchronous serial (7/8 data bits, even/odd/no parity). Baud rate of 1,200 - 115,200. Compatible with RS-232 signal levels

Security

Cryptographic algorithms include: DES, 3DES, RSA, and AES. Key management schemes include Master/Session, DUKPT and virtually any other key management scheme through the use of VeriShield Security Scripts. All cryptography and key management functions performed by integrated security chip. Communication between the keyboard, display, and security module is fully safeguarded.

Physical

Height: 155 mm (6.1 in.); width: 95 mm (3.7 in.); depth: 50 mm (2.0 in.); weight: 360 g

Environmentals

0° to 40° C (32° to 104° F) operating temperature; 15% to 90% operating humidity, non-condensing; -18° to 66° C (0° to 151° F) storage temperature

Power

7-20V DC; 3.7W (maximum consumption with optional backlight on)

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