NCR 5945 Electronic Payment Terminal

NCR

Transforming Transactions into Relationships

The ergonomically designed NCR 5945 Electronic Payment Terminal increases your customers' payment options.

User-Friendly Electronic Payment

The NCR 5945 enables retailers to implement leading edge payment types and increase the range of payment options available to customers.

These tender types include:

- Debit (lowest cost non-cash tender type)
- Credit
- Electronic Benefits Transfer (EBT)

NCR's next generation electronic payment terminal provides retailers the flexibility to expand their payment options while maintaining their investment in existing NCR 5944 and NCR 4430 applications. Standard NCR 5944/4430 emulation software is pre-loaded on every unit, allowing customers to continue to use existing host applications.

The NCR 5945 is fully certified for NCR's 7452, 7453, and 7454 point-of-sale (POS) workstations.

Features and Benefits

Ergonomic Design
- Large, easy-to-read display
- Intuitive, user-friendly design
- Small footprint

Superior Connectivity
- Engineered to offer maximum port utilization and single power source
- Single cable connectivity minimizes counter clutter
- Additional peripherals may be connected via optional remote communications connector block

Advanced Security Module
- Secure personal identification number (PIN) pad designed to meet all U.S. debit network security requirements

Technology Package
- DUKPT (derived unique key per transaction) and Master Session key management allow connectivity to multiple processors
- Remote operating system and applications download capability eliminates field upgrades for OS enhancements or applications changes

Mounting Options
A variety of custom mounting options are available. Please contact your NCR sales representative for details.

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Hardware

Display
- 2 Line by 20 character dot matrix backlit LCD

Memory
- 512 Kb "flash" memory
- 32K Volatile RAM

Keypad
- ISO compliant; 18 keys including 5 functions keys

Card Reader
- Bi-directional dual track (1 & 2) MSR
- Optional, bi-directional triple track (1,2,3) MSR

Ports
- Host EIA 232 Port

Power Supply
- 115 VAC wall mount Power brick or Host power from NCR 7452/7453 aux. power ports

Overlay
- Optional customer specific

Software

Application Programming
- ANSI "C" with off-the-shelf developments tools

Available Applications
- 5944 Emulation allows existing custom 5944 applications to be ported with minimal changes to the applications
- 4430 Emulation Application is preloaded in every unit

Approvals and Certifications
- ETL/UL 1950, FCC Part 15, Class B, CSA

Security
- Conforms to ANSI X9.8, X3.92, and new U.S. Standard X9.24
- DUKPT and Master Session keys available on same unit
- Secure key injection
- Tamper-resistant security PIN module for PIN entry

Connectivity

Interface
- RS-232

Physical Characteristics
- Color   Dark Gray
- Weight   14.5 oz. (406g)
- Size   Width: 6.5 in. (16.51 cm)
               Length: 6 in. (15.24 cm)
               Height: 1.5 in. (3.81 cm)
- Power   12 VDC, 400 mA max

For more information about the NCR 5945 and other NCR solutions for the retail industry, contact your local NCR representative or visit NCR on the Internet at www.ncr.com.