

e^N-Crypt 100

Easy-to-integrate PIN pad

The highly flexible e^N-Crypt 100 features the capability to support multiple key management schemes. But that's just the beginning. It also fully integrates with VeriFone terminals. Which provides you with the functionality of VeriFone 101 and 1000 PIN pads, combined with the renowned quality and security of Ingenico's e^N-Crypt 100 PIN pad technology!



World leader in secure financial transaction solutions

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TECHNICAL CHARACTERISTICS

Ingenico's e^N-Crypt 100 provides premier physical and logical security features making it one of the industry's most cost effective and secure ways of providing consumer PIN entry. The e^N-Crypt 100 emulates VeriFone PIN pads and can be loaded with VeriFone's key injection programs without any software or program changes. This insures a smooth implementation of the e^N-Crypt 100.

Security

- The e^N-Crypt 100 features Ingenico's VSC chip technology, which secures the PIN pad against a physical attack or attempt at reverse engineering

Incomparable Ease-Of-Use

- Comfortable-to-use yet durable "travel" keys provide physical and audible feedback to your customers
- Familiar ATM style keyboard configuration make the e^N-Crypt 100 simple to use
- Intuitive design uses four programmable function keys for flexible programming
- Large 16 character display eliminates message scrolling for better readability
- Keypad provides improved "feel" and durability over membrane keypads
- Slanted display and size make it easy to use

Supports Multiple Key Management Schemes

- Fully supports MasterSession and VISA DUKPT
- No need to switch modes
- Supports more than one key management scheme

Durable and Reliable

- Made by a company with over a decade experience in PIN entry technology

e^N-Crypt 100

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| Display | Dot matrix LCD (Liquid Crystal Display) One line by sixteen characters |
| Keypad | Soft touch rubber keys 10 key telephone configuration CLEAR and ENTER/OK keys Four function keys |
| Security International Data Encryption Standards | DES encryption algorithm FIPS PUB 46 ANSI X3.92 – 1981 (R 1987) |
| Cryptographic Key Management | Master/Session: ANSI X9.24 – 1990 DUKPT |
| MACs (Message Authentication Codes) | ISO 8730 ANSI X9.19 - 1986 |
| Physical Security | Physically tamper-resistant VSC chip Mechanical tampering voids secure memory Keyboard underlay protection Shrouded security switch Encryption keys can be injected using Ingenico's KeyFac and other manufacturers key injection software |
| Ports | Single cable providing both data and power support RS232 asynchronous communications with selectable baud rates ranging from 1200 to 9600 baud (1200 baud default) |
| Power | Supplied by host terminal |
| Dimensions & Weight | 6.0" (150 mm) x 3.5" (90 mm) x 2.0" (50 mm) 8.3 oz (235 g) |



Four function keys enhance application ease and increase convenience. Large 16-character display reduces prompt scrolling.

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