

SecurePIN™

PCI Certified PIN Entry Device with Card Readers

PIN Delivery with Security

SecurePIN™ is a Personal Identification Number (PIN) Entry Device. SecurePIN™ is Payment Card Industry (PCI) Certified, ensuring it meets the highest standards for PIN security. Derived Unique Key Per Transaction (DUKPT) key management and TDES are used for PIN encryption providing secure PIN handling throughout the process. There are three models to fit any application: SecurePIN™ 130 has a MagStripe reader, SecurePIN™ 150 has a smart card reader, and SecurePIN™ 180 provides MagStripe and smart card readers.

Hand-Held PIN Entry for POS

SecurePIN™ fits comfortably in one hand while the keys and readers are easily accessed with the other hand. The keys are large and have an audio and visual feedback to ensure proper inputs. SecurePIN™ has an interactive, backlit display guiding users through the process. Three function keys provide a means for customizing interaction. The 'enter', 'backspace', and 'cancel' keys are color coded and have universal symbols for nomenclature.

Simple Installation & Easy Integration

The SecurePIN™ product is available with RS-232 and USB interfaces. There is no mounting required; the SecurePIN™ is available to customers on the POS counter. There is a common language selection option already installed for PIN entry operations. An SDK provides documents, API, and application support. Several encryption methods are supported to meet the needs of the POS merchant.

Features and Benefits:

- PCI Certified, ergonomic hand-held unit
- Supports DES and TDES encryption algorithms for PIN encryption
- DUKPT key management
- Meets ANSI and ISO recommendations for a PIN Entry Device (PED)
- Keys are a comfortable size with good tactile feel and audio feedback
- Three interactive function keys for application specific functions
- Provides two lines by 12 character LCD backlit display
- Application selectable language options for PIN entry prompt
- Model available with MagStripe, smart card, or both
- Card readers have a one million card operations life
- SecurePIN™ with smart card reader can be used off-line, chip, and PIN
- Certified key injection service available

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SecurePIN™ Specifications IDPA-50XXXXX

Electrical

| | |
|---------------------|---|
| Power Requirements: | 5VDC, ± 10%, 250 mA Max. |
| Supply: | AC-DC Adaptor module, 0.21 positive center plug |
| Interfaces: | RS-232 or USB/CDC with selectable parameters |

Environmental

| | |
|------------------------|-------------------------------------|
| Operating Temperature: | 5°C to 40°C (41°F to 104°F) |
| Storage Temperature: | -20°C to 60°C (-4°F to 140°F) |
| Humidity: | Operating, 8% - 85%, non-condensing |

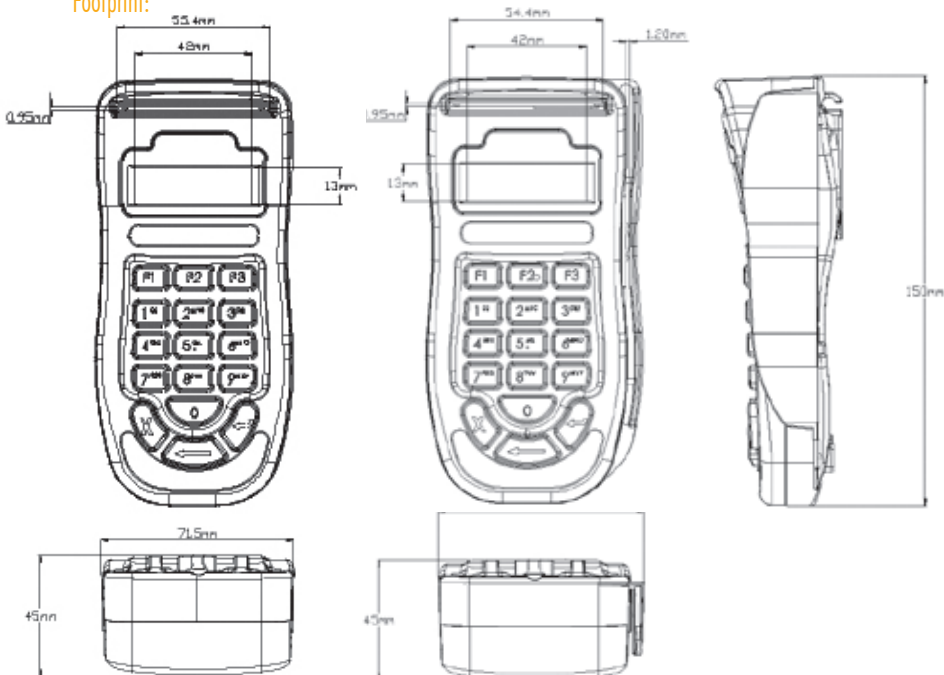
Reliability

| | |
|-----------------|---|
| Operating Life: | MagStripe Reader: 1,000,000 card swipes minimum Smart Card Reader: 1,000,000 card cycles minimum |
| MTBF: | 160,000 POH (calculated) |
| ESD Immunity: | 8KV air discharge, without reset |
| Approvals: | FCC part 15 Class A, CISPR A B |
| Encryption: | DES and TDES algorithms |
| Key Management: | DUKPT |
| Warranty: | One year, parts and labor |



Mechanical

| | |
|------------------------|---|
| Dimensions(L)x(W)x(H): | 5.9 inches (150mm) x 3.0 inches (76mm) x 1.8 inches (46mm) with MSR & Smart Card Reader |
| Weight: | 223g (7.9oz) with MSR & Smart Card Reader |
| Display: | 2 X 12 Alphanumeric LCD characters, back lighted |
| Keypad: | Hard rubber & color-coded, ANSI X9.8 recommended layout 10 Numeric keys w/ letter characters, telephone style 3 Function keys below the display w/ LCD captions 3 Industry standard, color coded operation keys 20 Million key strokes guaranteed |
| Beeper: | Audio tone generator, on or off selection |



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