

SecurePIN™

PCI Certified PIN Entry Device With Optional Card Reader

PIN Delivery with Security

The SecurePIN is a PCI Certified PIN Entry Device with an optional MagStripe reader. Derived Unique Key Per Transaction (DUKPT) key management and TDES encryption algorithms are used for PIN encryption providing secure PIN handling throughout the process. There are two models to fit any application: SecurePIN 100 is the PIN Entry Device only and SecurePIN 130 is the PIN Entry Device with an integrated MagStripe reader.

Hand-Held PIN Entry for POS

The SecurePIN fits comfortably in one hand while the keys and card reader are easily accessed with the other hand. The keys are large and have an audio and visual feedback to ensure proper inputs. The 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-CDC interfaces. 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 integrated MagStripe reader
- Card reader have a one million card operations life
- Certified key injection service available



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SecurePIN™ Specifications IDPA-5XXXXXX

Electrical

Power Requirements:

5VDC, $\pm 10\%$, 250 mA Max.

Power Supply:

AC-DC Adaptor module, 0.21 positive center plug (RS-232 only)

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

Keypad: 20,000,000 key strokes minimum

MTBF:

160,000 POH (calculated)

ESD Immunity:

8KV air discharge, without reset

Approvals:

FCC part 15 Class A, CISPR A

Encryption:

DES and TDES algorithms

Key Management:

DUKPT

Warranty:

One year, parts and labor

Mechanical

Dimensions(L)x(W)x(H):

5.3 inches (135mm) x 2.4 inches (63mm) x 1.6 inches (40mm) without MSR

Dimensions(L)x(W)x(H):

5.9 inches (150mm) x 3.0 inches (77mm) x 1.8 inches (45mm) with MSR

Weight:

150g (5.3oz) without MSR ; 207g (7.3oz) with MSR

Display:

2 X 12 Alphanumeric LCD characters, backlit

Keypad:

Hard rubber & color-coded, ANSI X9.8 recommended layout

10 Numeric keys w/ letter characters, telephone style

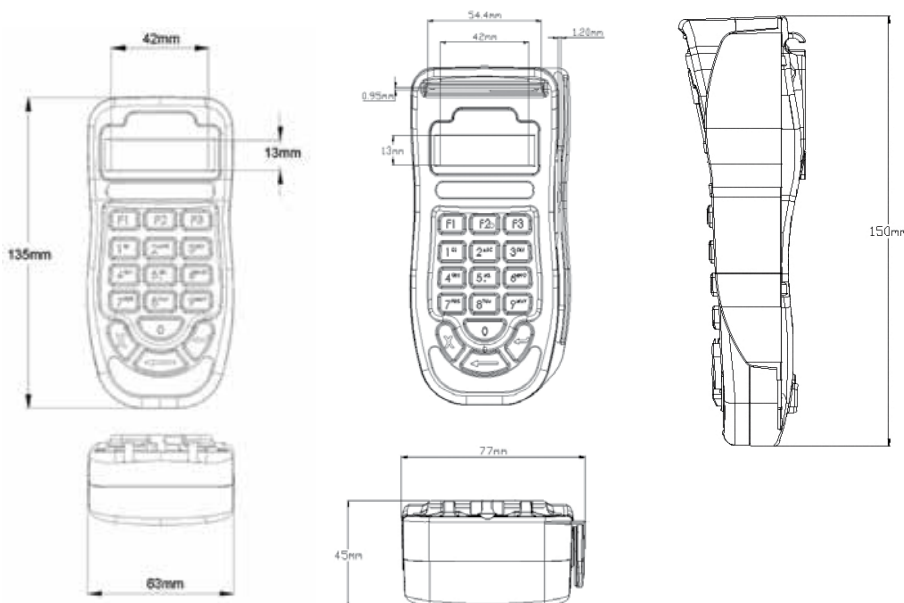
3 Function keys below the display w/ LCD captions

3 Industry standard, color coded operation keys

Audio tone generator, on or off selection

Beeper:

Footprint:



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