

SmartPIN C100™

Compact PCI Certified PIN Entry Device

State-of-the-Art Security Design

The SmartPIN C100 is a PCI 2.1 approved PIN entry device that's designed for integrating into tablet PC or other compact OEM applications. This PIN pad encrypts PIN numbers for secure transmission to the host for processing.

Secure Communication and Operation

The PIN pad keys are arranged in telephone layout, ADA compliant, and have an audio output feedback. The backlit LCD display has 2 lines x 12 characters for information text and visual indication of the PIN entry process. PIN entry is encrypted and securely transmitted over the RS232 or USB 2.0 communication interface. A battery maintains the cryptographic keys during power outages and storage.

Ultra-Compact Design

The SmartPIN C100 is the slimmest PIN entry device in the market. The housing of SmartPIN C100 is designed to be vandal-resistant, ruggedized, and water spill-proof in indoor retail environments. The SmartPIN C100 features two function keys for versatility in the application.

Simple Installation & Easy Integration

The SmartPIN C100 is operated through a POS application command & response (API message) structure. The POS application runs on terminal equipment, a PC, or similar device.

Features and Benefits:

- Ultra-compact design
- USB-HID and RS-232 interface
- PCI 2.1 approved
- 2x12 characters LCD display with backlight
- Secured PIN Entry
- Tamper-resistant mechanism
- AES, DES and TDES encryption
- DUKPT Key Management
- Audio keystrokes & operation alerts



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SmartPIN™ C100 Specifications IDPB-30XXXX

Electrical

Power Requirements:

+5.0 VDC \pm 10%, Normal Operation: 140mA, Idle: 70mA

Interface:

USB-HID, RS-232

Environmental

Operating Temperature:

32°F to 131°F (0°C to 55°C)

Storage Temperature:

-22°F to 149°F (-30°C to 65°C)

Relative Humidity:

Maximum 95% non-condensing

Drop Test:

24inches (610 mm) height;

Drop: 1 corner, 2-sidelines, 3-sides

Reliability

Operating Life:

1,500,000 operations

MTBF:

100,000 power on hours calculated

ESD Immunity:

4 kV direct contact & 8 kV air discharge without resetting

Approvals:

FCC and CE

Warranty:

One year, parts and labor

Mechanical

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

3.00 inches (76.3 mm) x 2.69 inches (68.2mm) x 0.56 inches (14.1mm)

Weight:

2.512 oz. (0.157 lbs.)

Keys:

10 numeric, 3 control, and 2 function keys

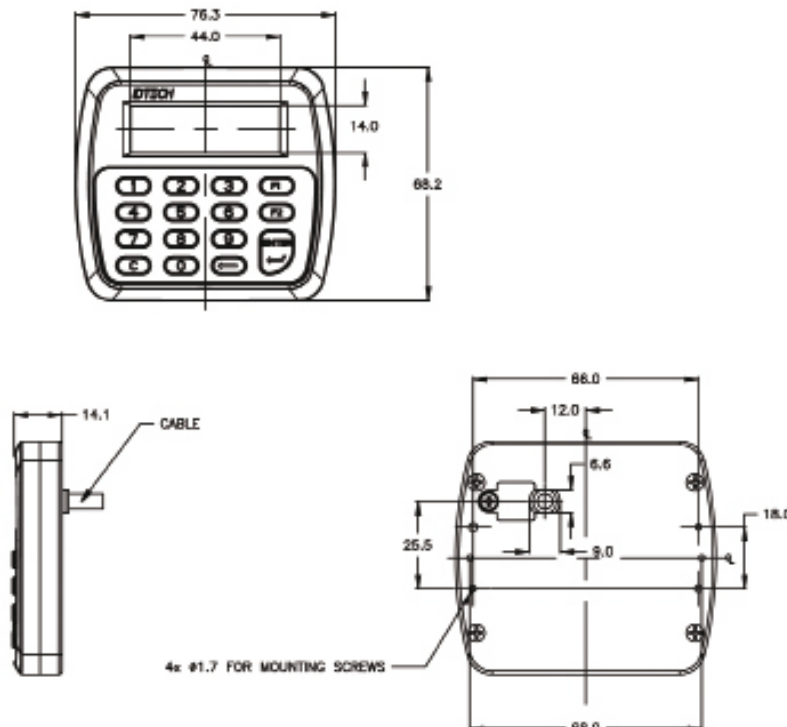
Display:

2x12-character backlit LCD

Color:

Black

Footprint:



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