



# SmartPIN B100™

PCI 3.x Certified Modular PIN Entry Device

## Encrypted PIN Entry for Banking and POS

The SmartPIN B100 is a PCI 3.x certified PED (PIN Entry Device) designed for outdoor unattended POS operations where encrypted PIN entry is required.

## Applications

The SmartPIN B100 can be used in ATMs, fuel dispensers, kiosks, vending machines, and other POS systems that accept credit and debit payments.

## A Secure and Rugged PED

ID TECH's SmartPIN B100 is PCI compliant and certified for the highest degree of PIN security. The SmartPIN B100 supports TDES encryption algorithm using DUKPT key management and Master/Session. The SmartPIN B100 is robust and vandal resistant with waterproof keys to withstand splashed, spilled, & direct liquid spray. The molded metal body and stainless steel cover, along with metal engraved keys, allow the PIN pad to be used in unattended environments. The built-in battery maintains the cryptographic keys during power outage and storage.

## Secure Communication and Operation

The 16-key PIN pad is ADA compliant and it offers tactile and audio feedback with each keystroke. PIN entry is encrypted and securely transmitted over the RS232 or USB-HID communication interface.

## Features and Benefits:

- Payment Card Industry (PCI 3.x) Certified
- Meets ADA, ANSI and ISO standards for a PIN Entry Device (PED)
- 4 screw holes and built-in gasket for watertight mounting
- IP65 rated
- Removal detection and tamper resistant
- Secure scheme for authorized activation/installation
- TDES encryption algorithm
- Clear and encrypted text input
- Key management: Master/Session, DUKPT
- Rugged, vandal resistant for outdoor, indoor & unattended applications



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# SmartPIN B100™

## Specifications IDPB-70X000

### Electrical

Power Requirements: 5VDC,  $\pm 10\%$ , 180mA maximum  
Interfaces: RS232 or USB-HID

### Environmental

Operating Temperature:  $-13^{\circ}\text{F}$  to  $158^{\circ}\text{F}$  ( $-25^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ )  
Storage Temperature:  $-22^{\circ}\text{F}$  to  $149^{\circ}\text{F}$  ( $-30^{\circ}\text{C}$  to  $65^{\circ}\text{C}$ )  
Humidity: Maximum 95% non-condensing

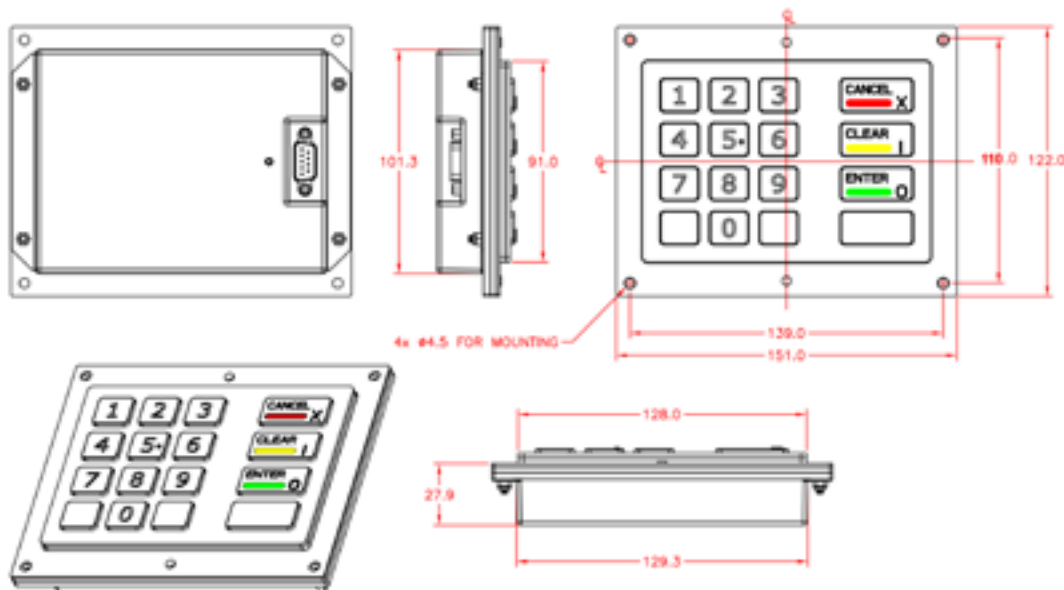
### Reliability

Operating Life: Minimum 2,000,000 operations  
MTBF: 120,000 power-on hours calculated  
ESD Immunity: Minimum 4KV direct contact & 8KV air discharge without resetting  
Approvals: FCC and CE  
Warranty: One year, parts and labor

### Mechanical

Dimension (L)x(W)x(H): 5.94 inches (151 mm) x 4.80 inches (122 mm) x 1.10 inches (27.9 mm)  
Weight: 23.86 oz. (1.49 lbs)  
Keys: Numeric (12), Operation (4)

Footprint:



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### ISO 9001 Certified

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