

# SmartPIN™ K100

PCI Certified Modular PIN Entry Device

## Encrypted PIN Entry for POS

SmartPIN K100 is a PCI 2.1 certified PED (PIN Entry Device) designed for outdoor or indoor unattended POS operations where encrypted PIN entry is required.

## Applications

SmartPIN K100 can be used in POS terminals for fuel dispensing, kiosks, vending, and other POS systems that accept credit and debit payments.

## A Secure and Rugged PED

SmartPIN K100 is PCI compliant and certified for the highest degree of PIN security. AES & Triple DES are used for encryption. Master/Session & DUKPT are used for key management. SmartPIN K100 is robust and vandal resistant. The keys are waterproof for splashed, spilled, & direct liquid spray. The molded plastic 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 outages 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 2.0 communication interface.

## Features and Benefits:

- Payment Card Industry (PCI 2.1) Certified
- Meets ADA, ANSI and ISO standards for a PIN Entry Device (PED)
- 4 screw holes and built-in gasket for watertight mounting
- Waterproof (IP65) and NEMA 4 rated keypad
- Removal detection and tamper resistant
- Secure scheme for authorized activation/installation
- Encryption algorithms: AES, DES and TDES for PIN encryption
- Clear and encrypted text input
- Key Management: Master/Session, DUKPT
- Rugged, Vandal Resistant for outdoor, indoor & unattended applications



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# SmartPIN™ K100 Specifications IDPB-80X000

## Electrical

Power Requirements:

5VDC +/- 10%, 150mA Max.

Interfaces:

RS232 or USB

## Environmental

Operating Temperature:

-13°F to 158°F (-25°C to 70°C)

Storage Temperature:

-22°F to 176°F (-30°C to 80°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

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

4.11 inches (104.5 mm) x 4.11 inches (104.5 mm) x 1.23 inches (31.3 mm)

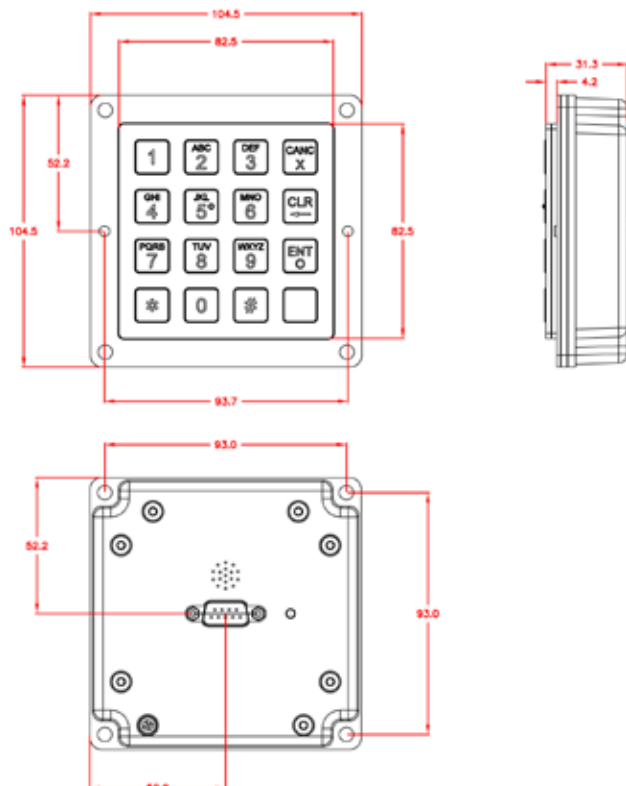
Weight:

13.74 oz. (0.86 lbs)

Keys:

Numeric (12), Operation (4)

Foot Print:



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## About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

## Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

## Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

## Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

## Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

## Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

## Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



[Legacy, Inc.](http://Legacy, Inc.)

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