UniPay II™

Mobile MagStripe, Chip and PIN Payment Device
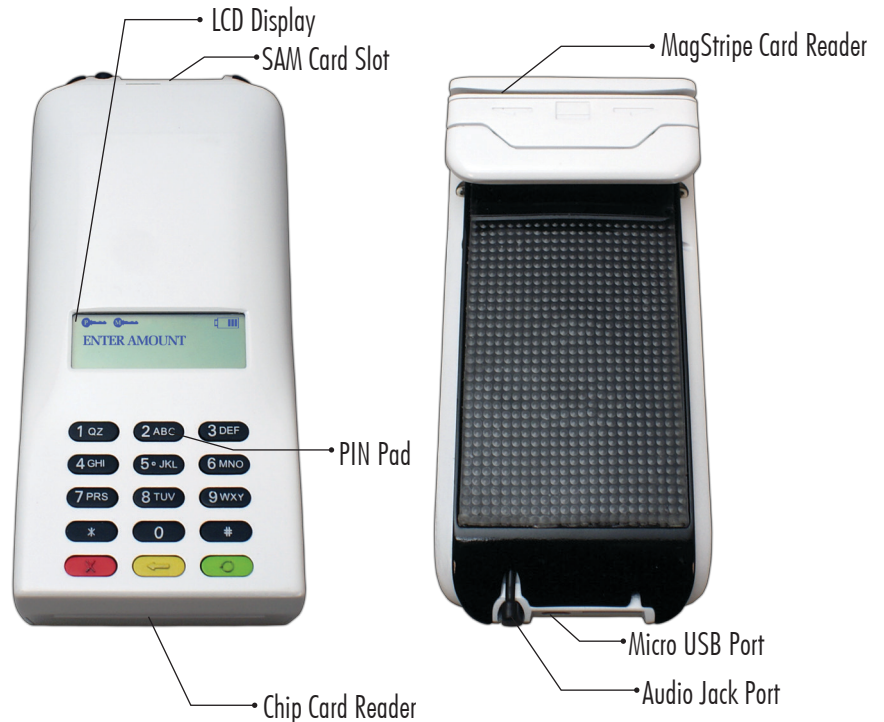
Secure Payment Terminal for Mobile Phones

ID TECH's UniPay II is a secure payment terminal with an integrated MagStripe reader, smart card reader, and PIN pad that connects to mobile devices through an audio jack port or through Micro USB. The UniPay II is an EMV Level 2 certified and PCI-PTS 4.x SRED certified mobile payment device that ensures secure reading and exchange of data to protect consumers' financial information through contact EMV, MagStripe, and PIN entry transactions. To protect sensitive data, the UniPay II uses TDES algorithms for PIN encryption and AES and TDES algorithms for MagStripe encryption and supports both DUKPT and Master/Session key management.

Easy to Integrate

The UniPay II is compatible with Apple iOS and Android platforms to conveniently transform a mobile device into a POS system. The SDK allows developers to easily create mobile apps to communicate with the terminal. With compatible apps, UniPay II provides merchants the flexibility to accept both MagStripe and Chip & PIN payments anywhere at any time.

Ergonomic Design for Mobile Devices

The UniPay II's unique form factor allows it to comfortably fit in the palm of one's hand and easily attach to mobile devices. It is equipped with a sticky pad to secure a mobile device firmly in place without leaving any residue on the phone or tablet. For additional support, the UniPay II also clamps down to the mobile device allowing the UniPay II and the mobile device to work as one.

Features and Benefits:

- **MagStripe and Chip Card reading & PIN entry for mobile devices**

- **EMV Level 1 and Level 2 Certified**

- **PCI-PTS 4.x Certified with SRED function supported**

- **TDES encryption algorithms for PIN encryption**

- **AES and TDES encryption algorithms for MagStripe data encryption**

- **DUKPT and Master/Session Key Management**

- **Encrypts manually entered card data**

- **Backlit LCD**

LCD Display
SAM Card Slot
MagStripe Card Reader
PIN Pad
Micro USB Port
Audio Jack Port
Chip Card Reader

IDTECH®
Value through Innovation

Preliminary Datasheet

UniPay II

Specifications

Electrical

Interfaces: Audio jack port
USB-HID

Environmental

Operating Temperature: 32° F to 131° F (0° C to 55° C)
Storage Temperature: -22° F to 158° F (-30° C to 70° C)
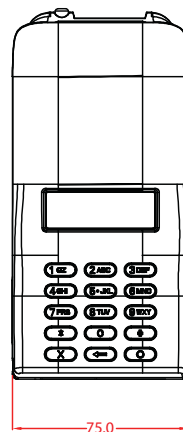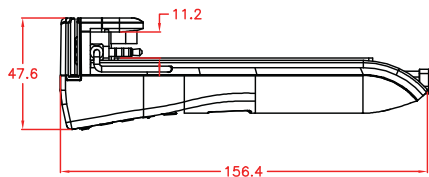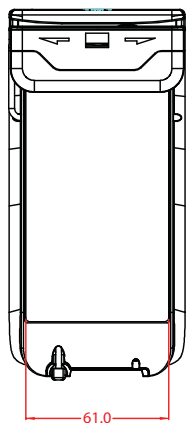Humidity: Maximum 95% non-condensing, dry storage

Reliability

Operating Life: MagStripe Reader: 300,000 card swipes minimum
Smart Card Reader: 100,000 card cycles minimum
PIN Pad: 1,000,000 keystrokes minimum
Warranty: One year, parts and labor
Approvals: EMV Level 1 & 2, PCI 4.x with SRED function support, ROHS, FCC/CE

Mechanical

Dimension (L)x(W)x(H): 6.16 inches (156.4 mm) x 2.95 inches (75 mm) x 1.87 inches (47.6 mm)
Media Thickness: 0.025 inches (0.635 mm) minimum
0.035 inches (0.889 mm) maximum
Card Seated Switch: ICC fully-seated sensor
Color: White
Display: 4 lines X 20 characters backlit LCD
Weight: 0.51 lbs (0.23 kg)

Footprint:

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ISO 9001 Certified

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