UniPay™

Mobile Audio Jack MSR and Smart Card Reader

Compact Magnetic Stripe and Smart Card Reader

ID TECH's UniPay is the latest addition to the audio jack family of mobile card readers. UniPay incorporates contact chip, smart card reading, with proven and reliable magnetic stripe decoding which results in a compact mobile reader. Its small form factor and audio jack interface is ideal for mobile applications where either magnetic stripe and/or smart card reading are required.
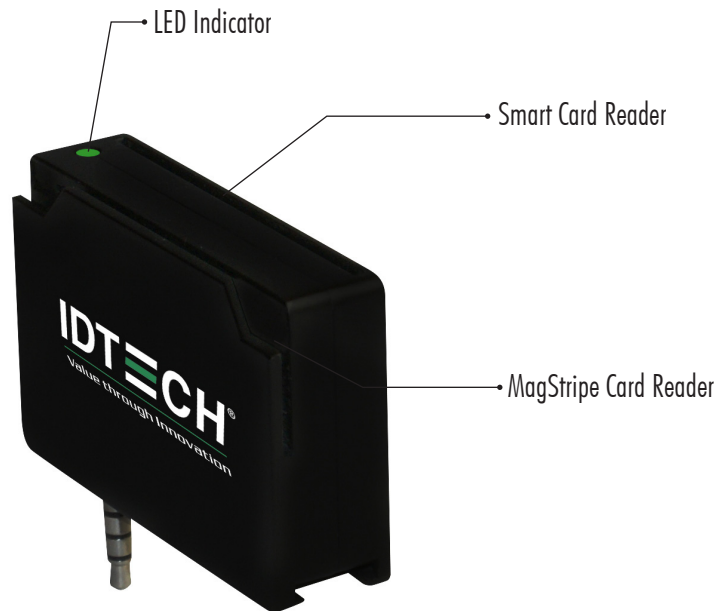
Mobile Form Factor and Audio Jack Interface

ID TECH's UniPay communications to the host via the audio jack port and is supported on Apple and Android platforms with a SDK, to allow for simple and easy integration into mobile payment applications. Also featured, is a USB port which can be used for charging or communication with a PC. The UniPay's efficient design minimize power consumption to the host device battery life.

Payment Certifications

UniPay is EMV Level 1 and Level 2 approved through the SDK and uses DUKPT Key management and TDES/AES encryption to ensure magnetic stripe and smart card transactions are encrypted and transmitted securely to the host device. The UniPay is an approved solution of the Visa Ready Program and meets the Visa Ready requirements for a reliable, convenient, and secure hardware solution.

Features and Benefits:

- Approved solution of the Visa Ready Program

- Audio headphone jack communication for the latest Apple iOS and Android platforms

- EMV Level 1 and Level 2 approval

- RoHS 2 and REACH compliance

- TQM Label

- Low power consumption when reader is in standby mode

- Compact and ergonomic design to integrate with a variety of mobile devices

- Encrypted MSR and chip card reader with DUKPT key management

- Micro-USB port for pass-through charging and PC communication

- 1 year manufacturer warranty

LED Indicator

Smart Card Reader

MagStripe Card Reader

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Specifications IDMR-AJ80133B

Electrical

Interfaces: Audio headphone jack

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

Reliability

Operating Life: MagStripe Reader: 300,000 card swipes minimum
                                Smart Card Reader: 100,000 card cycles minimum
Warranty: One year, parts and labor
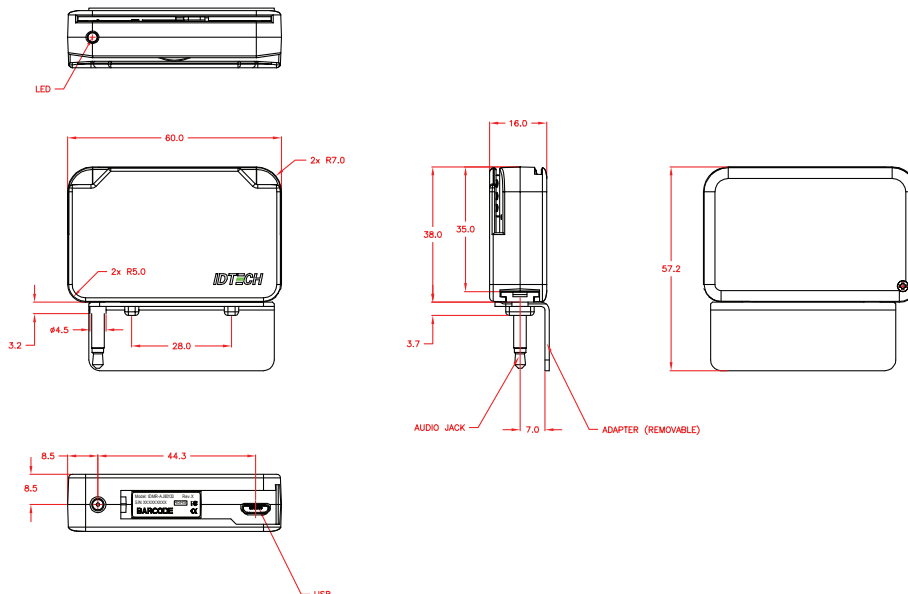Approvals: EMV Level 1 and EMV Level 2, ROHS, FCC/CE

Mechanical

Dimension (L)x(W)x(H):   2.36 inches(60 mm) x .63 inches (16 mm) x 2.25 inches (57.2 mm)
Media Thickness: 0.027 inches (0.6858mm) minimum
                                0.035 inches (0.8382mm) maximum
Card Seated Switch: ICC fully-seated sensor
Color: Black

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ISO 9001 Certified

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