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Product Overview
The ACR3x Series is a family of Mobile Card Readers that uses audio jack interface as means of communication with a mobile device.
ACR31 Swipe Card Reader is a combination of magnetic stripe card reader functionality and mobility, which enables you to access secured applications anytime, anywhere.
ACR32 MobileMate Card Reader is a combination of two card technologies into one wherein it provides its user the flexibility to use magnetic stripe cards and contact smart cards without the additional cost.
ACR35 NFC MobileMate Card Reader is a combination of two card technologies into one. It delivers NFC reader functionality and mobility, which allows you to use NFC and contactless applications, even for mobile readers without built-in NFC.
ACR31 Product Features

**Interface**
Standard 3.5 mm Audio Jack

**Supported Card Types**
- ISO 7810 compliant cards
- ISO 7811 compliant cards
- Hi-Co magnetic cards
- Lo-Co magnetic cards
- JIS1, JIS2 cards

**Encryption Algorithm**
AES-128

**Certifications/Compliance**
CE, FCC, VCCI, RoHS 2, REACH

**Battery**
CR2016

**Key Management System**
DUKPT

**Operating System Support**
Android™*, iOS*

**Other Features**
- Reads tracks 1/2
- Bi-directional reading capability

*Visit [www.acs.com.hk](http://www.acs.com.hk) for the list of supported devices.*
ACR32 Product Features

**Interface**
- Standard 3.5 mm Audio Jack
- Micro USB Full Speed

**Supported Card Types**
- Hi-Co magnetic cards
- Lo-Co magnetic cards
- ISO 7810 compliant cards
- ISO 7811 compliant cards
- JIS1, JIS 2 cards
- ISO 7816 Class A, B, C
- MCU with T=0, T=1 protocols
- Memory cards

**Encryption Algorithm**
- AES-128

**Battery**
- Rechargeable Lithium-ion

**Key Management System**
- DUKPT

**Operating System Support**
- Windows®, Linux®, Mac OS®,
  Android™*, iOS*

**Certifications/Compliance**
- EMV 2000 Level 1
- CE, FCC, VCCI, RoHS 2, REACH
- Microsoft® WHQL

**Other Features**
- Reads tracks 1/2
- Bi-directional reading capability

*Visit [www.acs.com.hk](http://www.acs.com.hk) for the list of supported devices.*
ACR35 Product Features

- **Interface**: Standard 3.5 mm Audio Jack
- **Battery**: Rechargeable Lithium-ion
- **Encryption Algorithm**: AES-128
- **Key Management**: DUKPT
- **Supported Card Types**: Hi-Co magnetic cards, Lo-Co magnetic cards, ISO 7810 compliant cards, ISO 7811 compliant cards, JIS1, JIS 2 cards, ISO 14443-compliant cards, ISO 18092-compliant cards*
- **Certifications/Compliance**: CE, FCC, VCCI, RoHS 2, REACH
- **Operating System Support**: Android™**, iOS**
- **Other Features**: Reads tracks 1/2, Bi-directional reading capability

*Except Topaz
**Visit [www.acs.com.hk](http://www.acs.com.hk) for the list of supported devices*
Product Value

Cost-effective
A compact yet powerful reader which is also price-competitive

Portability
A device that you can easily carry around anytime, anywhere

Secured
Once the card is swiped, the user information is being encrypted using the AES-128 algorithm

Compatibility
ACS’s mobile card reader supports most of the mobile devices in the market today
Product Application
Product Application

Mobile Banking and Payment

E-Healthcare

E-Purse and Loyalty

Transportation
Sample Application

Shop for goods/services. Merchant will input the amount to be paid in a payment app.

Swipe the customer's credit card to the reader

Insert the customer's credit card to the reader

Ask for customer's signature

Request for customer's PIN

Transaction completed!
Thank You!

info@acs.com.hk

www.acs.com.hk

http://twitter.com/SmartCardReader

http://www.facebook.com/AdvancedCardSystems

http://gplus.to/advancedcardsystems

http://www.youtube.com/user/AdvancedCardSystems

For more information, visit:

www.acs.com.hk/mobile-card-readers/