



AMR220-C1 Secure Bluetooth® mPOS Reader



Advanced Card Systems Ltd.
Card & Reader Technologies

Units 4108 – 4110, 41st Floor, Manhattan Place
23 Wang Tai Road, Kowloon Bay, HK
Tel: +852-27967873 Fax: +852-27961286
info@acs.com.hk www.acs.com.hk

- **Product Overview**
- **Product Features**
- **Product Value**
- **Product Application**
- **Compliance/Certifications**
- **OS Support**



Product Overview



Advanced Card Systems Ltd.

Card & Reader Technologies

AMR220-C1

AMR220-C1 Secure Bluetooth® mPOS Reader is a compact reader that supports EMV® chip-enabled contact cards as well as contactless technology, following major payment and security standards such as Mastercard® Contactless (formerly MasterCard PayPass) and Visa payWave®.

With its advanced connectivity options such as Bluetooth® and USB interfaces, it allows secured transactions and fast and efficient transfer of secured data.





Product Features



Advanced Card Systems Ltd.

Card & Reader Technologies

Product Features



Interface
Bluetooth®
USB Full Speed

Plug and Play Support
CCID Compliant

Card Type Support
ISO 7816 Class A, B, C Full-sized Cards
MCU with T=0 and T=1 protocol
ISO 14443 Type A and B
MIFARE variants
FeliCa
ISO 18092 Tags (NFC Tags)

API Support
PC/SC
CT-API

Other Features
Firmware Upgradeable
Rechargeable Lithium-ion Battery

Cryptographic Algorithms*
AES, DES, 3DES

Certifications/Compliance
ISO7816, ISO14443, ISO18092,
Bluetooth®, EMV® L1 & L2,
Mastercard® Contactless, Visa payWave®,
CE, FCC, RoHS 2, REACH, TELEC (Japan)
Microsoft® WHQL

Supported Operating System
Windows®
Linux®
Mac OS®
Android™
iOS

*Feature Upon Request



Product Value



Advanced Card Systems Ltd.

Card & Reader Technologies

Cost-effective

A compact and powerful device that integrates different features into one device

Wide Range of Smart Card Support

Supports ISO 7816-compliant cards with T=0 and T=1 protocol, ISO 14443 Type A and B cards, and ISO 18092 NFC tags

Wireless Connectivity

Offers wireless smart card operation and authentication by employing the Bluetooth® technology. May be used with either a mobile device or a desktop computer

Convenience for Payment

Supports EMV® chip-enabled contact, and contactless cards suitable for fast and reliable banking and payment transactions.



Product Application



Advanced Card Systems Ltd.

Card & Reader Technologies

Product Application



Mobile Banking & Payment



E-Government



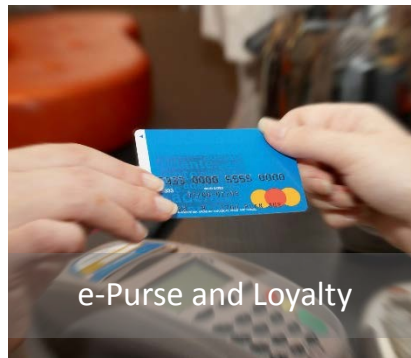
e-Healthcare



Network Security



Access Control



e-Purse and Loyalty



Public Key Infrastructure

AMR220-C1 Sample Application



A merchant uses the reader to accept payment through card-based transactions.



The customer selects the items to purchase and presents an EMV® chip-enabled contact or contactless card.



The merchant processes the payment through a mobile-based payment app. The reader is connected through Bluetooth® with the mobile device.



Once the transaction is finished, an e-receipt can be emailed to the customer.



The customer puts signature to confirm the payment.



Compliance/Certifications



Advanced Card Systems Ltd.

Card & Reader Technologies





OS Support



Advanced Card Systems Ltd.

Card & Reader Technologies



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:

<https://www.acs.com.hk/en/products/452/>



Advanced Card Systems Ltd.

Card & Reader Technologies