



AMR220-C1 ACS Secure Bluetooth® mPOS Reader



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Card & Reader Technologies

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Product Overview



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AMR220-C1

The AMR220-C1 ACS 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



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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, MIC (Japan)
Microsoft® WHQL

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

*Feature Upon Request



Product Value



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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



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Product Application



Mobile Banking & Payment



E-Government



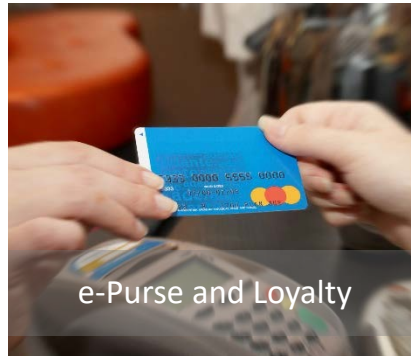
e-Healthcare



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.



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



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.



The customer puts their signature to confirm the payment.





Compliance/Certifications



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Thank You!

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For more information, visit:

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



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