



ACR1281S-C1

DualBoost II
Serial Dual Interface
Reader



Advanced Card Systems Ltd.
Card & Reader Technologies

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Product Information



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Product Overview

The ACR1281 Series is a family of Contactless Smart Card Readers sharing the same core. The readers are developed based on the 13.56 MHz RFID technology.

It is the second generation of the ACR128 DualBoost series. While it belongs to the Contactless Product Family, the smart card readers in this series also support contact smart cards.



Product Features



Supported Card Types

ISO 14443 Type A and B
MIFARE® Classic, MIFARE Plus®,
MIFARE® DESFire® EV1
ISO 7816 Class A, B, C
Memory Cards

Smart Card Interface

PICC (Contactless)
ICC (Contact)
SAM (Contact)

Firmware Upgradeable

Intelligent Support

Hybrid and Combi Cards

High-Speed Transaction

106 kbps – 848 kbps (Max.)

RS232 (Serial) for Data Transmission

USB for Power Supply

User-controllable Peripherals

Two LEDs

Buzzer

Others/Miscellaneous

Supports Contactless Extended APDU

Certifications/Compliance

ISO 14443, ISO 7816

CE, FCC, RoHS

Protocols and Standards

ISO 14443 Parts 1-4

ISO 7816 T=0, T=1

Operating System Support

Windows®

Linux®





Product Value



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Product Value

- Cost Efficient – Single reader provides additional design and cost-saving benefits for systems integrators and card users.
- High Security – SAM on board (Contact Interface)
- PICC Support – ISO 14443 Type A & B
- High-speed Transaction – Baud rate up to 848 Kbps (contactless)



Product Value

- Contemporary Style and Durability – Card alignment tray for contactless card, landing type contact connector, and easy to replace SAM
- Ease of Integration – ACR1281S-C1's serial interface along with its driverless operation, facilitates its integration into different platforms.
- Ease of Technology – Quick and easy migration from contact to contactless technology, and firmware upgradeable



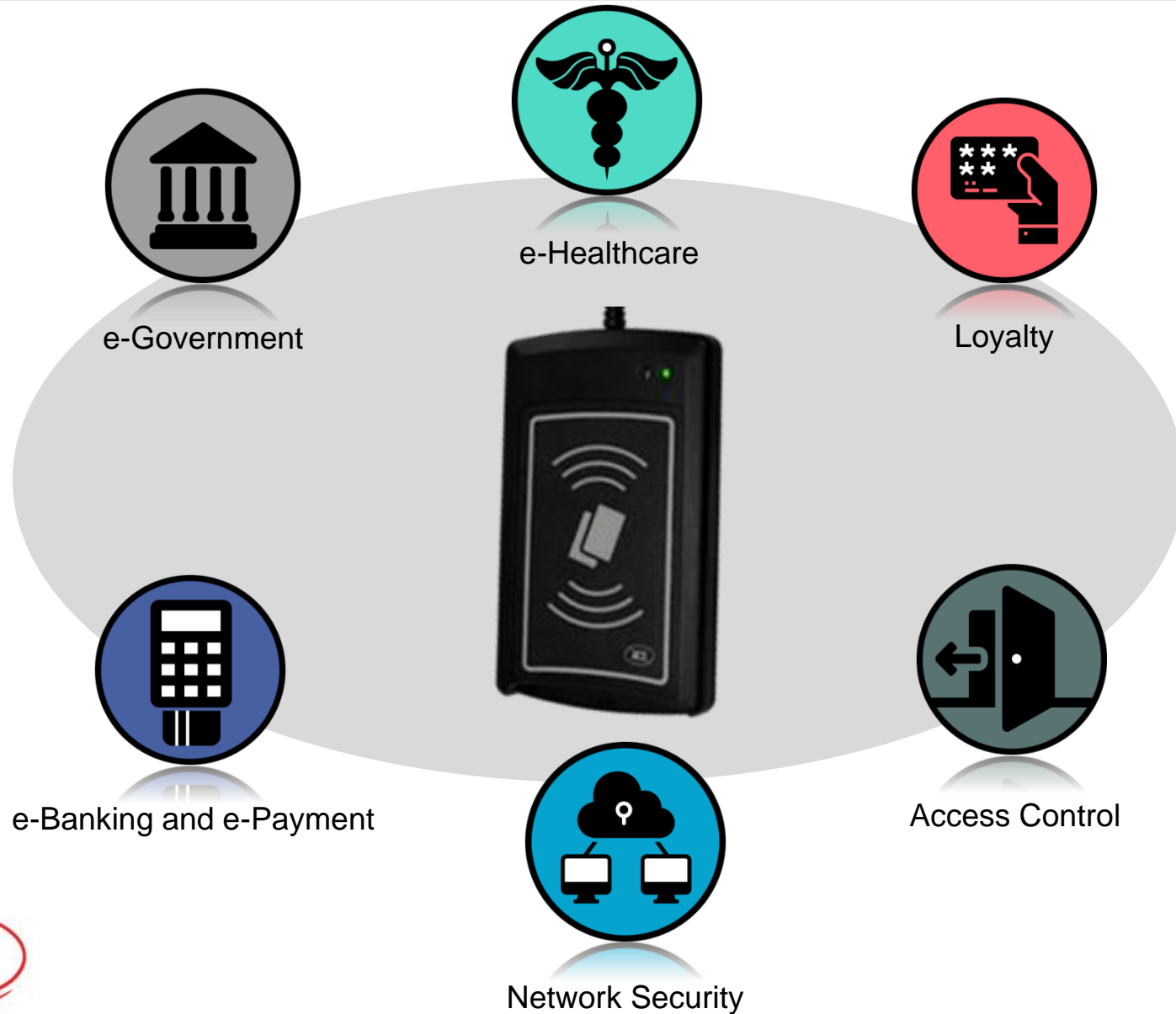
Product Application



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In what areas can the ACR1281S-C1 be used?





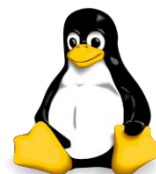
Compliance & Certifications



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Thank You!



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