



Dual Interface Reader ACR1281S-C1

General

- ACR1281S-C1 Dual Boost II is a dual interface reader that can access any contact and contactless
- Smart cards following the ISO 7816 and ISO 14443 standards. ACR1281S-C1 Dual Boost II
- Enables one to integrate conventionally separate and independent applications for contact and
- Contactless technologies into one device and one card. It can be used for banking or e-commerce
- To settle payments or other transactions securely using credit cards, and it for verifying
- Contactless cards to provide access to specific areas or workstations. It provides the perfect
- complement to the all-in-one card concept that combines many kinds of smart card applications
- In just a single card.
- The ACR1281S-C1 is a plug and play device that does not require any driver installation. It
- Comes with a built-in SAM slot for added security in both contact and contactless applications.
- Lastly, the ACR1281S-C1 makes use of high-speed communication for contactless cards at a
- Maximum of 848 kbps, which makes it suitable for highly demanding applications.
- With additional features such as USB firmware upgradability, contact memory card support and
- Extended APDU support, ACR1281S-C1 Serial Dual Boost II is a highly cost-effective, powerful
- All-in-one device that offers convenience and flexibility to many smart card applications.

Features

1. Serial RS32 Interface
2. USB interface for power supply
3. CCID-like frame format (binary format)
4. Contactless Smart Card Reader:
 - a) Read/write speed of up to 848 kbps
 - b) Built-in antenna for contactless tag access, with card reading distance of up

to 50 mm (depending on tag type)

- c) Supports ISO 14443 Part 4 Type A and B cards and MIFARE series
- d) Built-in anti-collision feature (only one tag is accessed at any time)
- e) Supports extended APDU (max. 64 KBYTES)

5.Contact Smart Card Reader:

- a) Supports ISO 7816 Class A, B and C (5 V, 3V and 1.8 V)
- b) Supports microprocessor cards with T=0 or T=1 protocol
- c) Supports memory cards
- d) ISO 7816 compliant SAM slot
- e) Built-in Peripherals:
- f) Two user-controllable LEDs User-controllable buzzer
- g) USB Firmware Upgradability

Specification

Dimension	120.5 mm (L) x 72.0 mm (W) x 20.4 mm (H)
Weight	150g
Compliance / Certifications	CE, FCC, ROHS Compliant
Interface	RS232 for data communication USB for power transmission
Operating Distance	Up to 50 mm (depends on the tag type)
Supply Voltage	Regulated 5V DC
Supply Current	200mA
Operating Temperature	0-60 °C
Operating Frequency	13.56 MHz
Smart Card Interface Support	Contact ISO 7816 Class A, B and C (5V, 3V, 1.8V) Contactless ISO 14443 Type A & B MIFARE
Operating System Support	Windows® Linux®



Picture



HCCTG
华辰联创

CE

ROHS

FC

