



“RFID-CONTACTLESS
SMARTCARD READER
(ACR122 U)”

ACR122 U Contactless Reader

The ACR122 U is a compact and cost-effective contactless reader and writer. It is developed on the 13.56MHz contactless smart card (RFID) technology, supporting Mifare® ISO 14443 A and B cards. Its proximity operating distance is up to 5 cm, depending on the type of contactless tag in use.

The versatile reader is available in both USB and Serial interface, which can be easily integrated into PC environment as

well as other systems in a snap. It is ideal for a broad range of applications, including public transport terminal, physical and logical access control, and even vending machines.

The operation of ACR122 U is extremely easy, quick and convenient. All read/write operations can be done via waving the contactless card to the device. Moreover, its compact design enables it to be mounted and located in anywhere with ease.

ACR122 U reader standard features:

- ▶ USB PnP or serial interface (RS232)
- ▶ Read and write functionality
- ▶ Built-in Antenna
- ▶ Fully tested and compliant with major contactless smart cards that conform to ISO14443 A/B in the market.
- ▶ RoHS Compliant
- ▶ CE and FCC Compliant
- ▶ Operation LED
- ▶ Buzzer
- ▶ High-speed transactions
- ▶ Compact size: 98 X 65 X 12.8 mm
- ▶ Operating Distance : <= 50 mm
- ▶ Supply Current : 200mA (operating); 50mA (standby); 100mA (normal)
- ▶ Operating Temperature : 0-50 DegreeoC
- ▶ Operating Frequency : 13.56 MHz
- ▶ Standards/Certifications : ISO 14443 and Mifare® cards

Operating System Support : Win98,Win ME,Win NT 4.0,Win 2000,Win 2003,Win 2003 R2,Win XP,

Win Vista, Win 2008, Win 7, Win 8 Win 2003 x64, Win 2003 R2 x64, Win XP x64, Win Vista x64,

Win 2008 x64, Win 2008 R2 x64, Win 7 x64, Win 8 x 64, Win 2012 x64

Windows CE 5.0 and 6.0

Mac

Linux

Android 3.1 and above

Technical Specification

- ▶ Interface : USB Full Speed
- ▶ Supply Voltage : Regulated 5V DC



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