



ACR 1281U

OVERVIEW

The ACR 1281U 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.

ACR1281U is the second generation of ACR128 DualBoost. Belonging, to the Contactless Product Family, it also features support for contact smart cards.

SPECIFICATIONS

Power source	: From USB
Standart	: ISO 14443 A and B parts 1-4
Supply voltage	: Regulated 5 V DC
Supply current	: 200 mA
Smart card read/write speed	: 106 kbps, 212 kbps, 424 kbps, 848 kbps
Operating Frequency	: 13.56 Mhz
Operating Distance	: Up to 50 mm (depending on card type)
Antena size	: 65 mm x 60 mm
Short Circuit Protection	: +5 V/GND on all pins
Dimensions	: 120.5 mm (L) x 72.0 mm (W) x 20.4 mm (H)
Cable lenght	: 1.5 m (USB)
Temperature	: 0 - 50°C
Humidity	: 10% - 90%

FEATURES

- 1 USB 2.0 Full Speed Interface
- 2 CCID Compliance
- 3 Contactless Smart Card Reader
- 4 Contact Smart Card Reader
- 5 Application Programming Interface
- 6 Built-in Peripherals
- 7 USB Firmware Upgradability