ACR122T
USB Token NFC Reader

A Product Presentation

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Rundown

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Product Overview
Product Overview

ACR122T USB Token NFC Reader

The ACR122 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 and the ISO/IEC 18092 NFC standard.

ACR122T is the token version of ACR122U, the world’s first CCID-compliant NFC reader, which is designed to interface with a PC for different smart card applications.
Product Features
What are the Key Features of ACR122T?

**Extractable USB Plug**

**Plug and Play Smart Card Interface**
PICC (Contactless)

**Compact and Slim Design**
75.0 mm x 30.0 mm x 12.7 mm
15.0 g

**Access Speed**
Up to 424 Kbps (for FeliCa Tags)

**Supported Card Types**
ISO 14443 Type A & B
Mifare
FeliCa
NFC Tags

**User-controllable Peripheral**
Bi-color LED

**Certifications/Compliance**
ISO 18092, ISO 14443
CE, FCC, VCCI, KC
PC/SC, CCID,
EN60950/ISO 60950
USB Full Speed, Microsoft WHQL
ROHS 2

**Protocols and Standards**
ISO 14443 Parts 1-4 Contactless
ISO 18092 NFC
PC/SC and CCID
USB V2.0 (12 Mbps)

**Supported Operating System**
Linux, Mac OS X
Android 3.1 and above
Product Features

NFC Technology-enabled

NFC Tag Support
- Tag 1: based on ISO 14443 A (96 bytes) e.g., Topaz
- Tag 2: based on ISO 14443 A (48 bytes) e.g., Ultralight
- Tag 3: based on Japanese Industrial Standard e.g., FeliCa
- Tag 4: based on ISO 14443 A and B e.g., DESFire

Source: http://www.nfc-forum.org/specs/
Product Features

Trendy and Compact Design

With its compact and slim casing, ACR122T allows for great portability and easy integration into fast-paced environments.

• ACR122T is built based on ISO 14443 and ISO 18092

• Supports FeliCa and NFC tags

• Suitable for different applications on various NFC environments
Product Value
What are the Key Benefits of ACR122T?

**Competitive Cost**
ACR122T is made affordable in order to extensively share and promote NFC technology to customers.

**Driver-free**
The CCID driver is installed through Windows Update.

**PICC Support**
- Supports most of the ISO 14443 Type A and B cards, such as Mifare cards

**NFC-enabled**
- Supports NFC tags Type 1 to Type 4 for different applications

**Ease of Integration**
- PC/SC interface
- Compact design
Product Application
In what areas can we apply ACR122T?

- Smart Posters
- Network Access
- Online Shopping
- Micropayment
How to Use ACR122T - Overview
Sample Scenario: Simple Visitor Management

Record visitor information in MS Excel or any spreadsheet application.
Thank You!

For more information, please visit: