

ACR1252U-M1 contactless reader with SAM



The ACR1252 from ACS is a 13.56 MHz USB contactless smartcard reader that supports ISO 14443 type A and B cards, MIFARE, FeliCa, and ISO 18092-compliant NFC cards and tags. Replacing the popular ACR122U as well as the ACR1251, this reader is equipped with a SAM slot which provides a high-level of security in contactless and NFC transactions.

NFC Forum certified, the ACR1252 supports all three modes of NFC with improved performance, including card reader/writer, card emulation and peer-to-peer communication.

The ACR1252 is CCID and PC/SC compliant, allowing interoperability with various different devices and applications.

The ACR1252 is compatible with **Read-a-Card**, the contactless card ID reading application, useful for the integration of RFID technology into new or existing systems.

SDK also available.

**A compact 13.56MHz NFC contactless USB-A reader with a SAM slot. NFC Forum certified. SDK also available.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~717/p/index.shtml>

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email [sales@smartcardfocus.com](mailto:sales@smartcardfocus.com) or call us on +44 (0)1428 685250.

## **ACR1252U-M1 contactless reader with SAM**

### **1 Year Manufacturers Warranty**

#### **Standards / Certifications:**

USB Full Speed

PC/SC

CE, FCC, RoHS

ISO 14443, ISO 18092, ISO 7816

#### **Protocols/Cards supported:**

Operating frequency: 13.56 MHz

Supports ISO 14443 Type A and B, MIFARE, FeliCa and all 4 types of NFC (ISO/IEC 18092) tags

ISO 7816 T=0 & T=1 (SAM interface)

#### **Technical Specifications:**

Host Interface: Full speed USB (12Mbps), Bus powered device

Supply Voltage: Regulated 5V DC

Supply Current: 200mA (operating)

Dimensions: 98mm (L) x 65mm (W) x 12.8mm (H)

Operating distance: Up to 50 mm

Operating System: Win 98, Win ME, Win 2000, Win XP/x64, Win Vista/x64, Win 7/x64, Win 8/x64, Win Server 2003/2003 R2/2008, Win 8 x64, Win Server 2003/2003 R2/2008/2008 R2/2012 x64, Linux, Mac, Android 3.1 and above

**Manufacturer:** ACS

**Connection Method:** USB