Read-a-Card with ACR1552U contactless reader

Complete Read-a-Card solution for MIFARE, DESFire and iClass

Read-a-Card is a software utility that runs on a Windows PC and reads information from many types of contactless cards and tags. For instance, unique chip IDs and securely encoded card numbers can be read and logged to file, and automatically sent to other software or web applications using many different methods, including simply 'typing' the card ID (sometimes known as a 'keyboard wedge').

This complete hardware and software package comes with a pre-licensed ACR1552U-M1 USB contactless reader. The software can be installed and run on any Windows PC, as long as the reader is present. The latest ACR1552U-M1 reader supports all popular MIFARE, DESFire, FeliCa and NFC cards and tags.

Country of origin: UK
HSF Code: 8471900000

Complete hardware and software solution for reading chip serial numbers and encoded card IDs from many types of contactless cards and tags. Useful for access control enrolment and the integration of RFID into new or existing systems. Includes advanced keyboard wedge and web server modes, plus developer API. Includes an ACR1552U-M1 NFC contactless reader with a pre-installed SAM license inside. Supports all popular MIFARE, DESFire and NFC cards and tags.

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To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~1057/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 or call us on +44 (0)1428 685250.

More about Read-a-Card

Read-a-Card is compatible with a wide range of contactless readers from different manufacturers, and can be used to identify different RFID cards and tags, test reader functionality and to enable the use of multiple readers on a single PC. It can integrate with other software and systems using a variety of methods and techniques.

Depending on the reader used, Read-a-Card can:

View a contactless smartcard's unique ID and automatically insert it into text input fields
Insert a custom prefix and suffix when performing RFID 'keyboard wedge' functions
Read and display MIFARE and DESFire card serial numbers (CSN) in hex and decimal and reverse decimal formats
Read HID iClass & Prox card IDs, with appropriate readers (including Corporate 1000)
Read MIFARE sectors, DESFire application files, and other data, optionally using a SAM for secure key storage
Work with multiple readers with the ability to detect and log unique reader IDs
Automatically log card IDs to file, with time stamp and reader ID
De-duplicate repeated card reads
Decode NFC tags and smart poster data
Automatically launch software applications and/or custom URLs on each card read

Additional developer features include:

Full integration with other software using Windows messaging API
Read-a-Card web server for kiosk integration
Plug-in capabilities to add any further functionality
Read-a-Card also provides the ability to decode customer-specific card numbering formats stored on either MIFARE, DESFire or iClass cards, through the use of software plug-ins and hardware security modules (SAMs) for holding keys and other sensitive data. Using this mechanism, Read-a-Card can be enhanced to be able to read a site-specific format and return the relevant card ID data to other applications using its built-in keyboard wedge, file logging or direct integration APIs, without exposing the encoding scheme security data.

For further details, screenshots and developer documentation please visit help.readacard.com

Compatible readers

Read-a-Card works with most contactless 13.56MHz smartcard readers that conform to the PC/SC 2.01 standard, as well as some additional non-PC/SC readers and other specialist devices. Below is a list of those readers that have been specifically tested, but if you have a different model then please use the free trial version on the Read-a-Card web site to check compatibility. Current and recommended models, available from our online store, are shown in **bold**:

Current and legacy **Dot Origin** VTAP mobile pass NFC readers: VTAP100-USB-SQ, **VTAP100-USB-CC**, **VTAP100-OEM**, **VTAP50-OEM**, **VTAP100-PAC-W-CC**, **VTAP100-PAC-W-SQVTAP100-PAC-485-CCVTAP100-PRO-BW-CC**, **VTAP100-PRO-POE-CC**, **VTAP100-PRO-POEU-CC**

Notes: **Read-a-Card is free to use with any VTAP reader.** When a VTAP reader using firmware v2.1.12.7 or later is connected to a PC running Read-a-Card software v3.4.5 or later, Read-a-Card will be automatically licensed for use. (VTAP mobile pass NFC readers are recognised as a proprietary readers by Read-a-Card software from Read-a-Card version v3.4.0 onward.)

Current and legacy **ACS** readers: ACR120S, ACR120U, ACR122U, ACR122T, ACR122S, ACR122L, **ACR1222L**, ACR1251U, **ACR1252U-DOT**, ACR1252U-M1 SAM, **ACR1552U-M1 SAM**, **ACR1255U**, ACR128U, ACR1281S-C1, ACR1281S-C8, ACR1281U-C1, ACR1281U-C8, **ACM1252U-Y3**, **ACM1252U-Z2**, ACM1281U-C7

Notes: Up to 10 ACR1255U readers can be connected simultaneously via Bluetooth, using the ACS driver/tools. ACS readers do not support e-licensing. The ACR1252U SAM supports SAM licensing.

Current and legacy **Omnikey** readers: **5021 CL**, **5022 CL**, 5023 CL, **5025 CL**, 5121, **5127 CK Mini**, 5321 V2, 5321 CL, 5321 CL SAM, 5321 CR, 5325, **5325 CL**, 5421, **5422**, **5427 CK**, 6321

Notes: Most Omnikey readers support e-licensing. The 5021 CL and 5022 CL support HID (legacy) iClass card reading only, while HID iClass SE and Seos card reading are supported on the Omnikey 5023 and 5427 CK with Read-a-Card V3.3 or later. HID Mobile ID is also supported in this version when using an Omnikey 5427 CK with Bluetooth option.

Current and legacy **SCM/Identiv** readers: SCL010, SCL011, SCL3711, SCM3712, SDI010, SDI011, uTrust/Cloud **3700F**, 4700F, **4701F**, **4711F**

Notes: All Identiv readers support e-licensing.

Legacy **Sony** readers: RC-S320, RC-S330, RC-S380

Legacy **Gemalto** readers: IDBridge CL3000 (Prox DU), IDBridge CL300 (Prox SU)

Legacy **Gemini 2000** readers: GemTAG x1010IP

Legacy **Cherry** readers: Smartboard Twin G83-6675

Manufacturer: Read-a-Card

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