



SCR 2910 Smartfold Contact Reader uTrust

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Short product description

The SmartFold mini USB reader is a fully ISO7816 compliant contact smart card reader which is perfectly suitable for a wide range of application areas for government, enterprise and home use - supported Windows and android

Product description

The CLOUD 2910 R is the ideal USB contact smart card reader for a huge variety of mobile applications running on Android-based tablet computers and smart phones. Providing full compliance with all major industry standards such as ISO/IEC 7816, USB CCID and PC/SC, the CLOUD 2910 R works seamlessly with virtually all contact smart cards used on Windows Mobile or Android-based systems.

Full support and compliance to EMV 2008 and GSA FIPS 201 expand daily use to very specific applications requiring additional security and data protection.

With its ultra-compact yet reliable design and mechanical functionality, it is the ideal travel companion for mobile users requiring the same level of data protection as is required for desktop applications. Utilizing the device's Micro USB connector with a short USB cable provides maximum end-user convenience and adds mechanical reliability.

The extended card data transmission rate of up to 600kBit/s with the support of TA1=97 enables the shortest possible transaction times for maximum end-user convenience.

The specific SmartOSTM features easy and complete support of all major contact smart cards.

The driver platform, as well as the Windows® Plug-and-Play driver support and the Android CCID library, allow seamless integration into any Windows Mobile or Android end-user environment with very little or no administration.

With CLOUD 2910 R, the end user experiences convenience, transaction time efficiency, security and reliability for applications such as network log-in, Windows authentication and Single Sign-On (SSO), banking and cashless payment applications, as well as high-security use cases for federal governments.

Technical specifications

Tested for mobile use with HebRech software

Host Interface

USB 2.0 CCID (USB 1.1 / 3.0 compliant)

Communication Speed 12 Mbps (USB2.0 full speed)

Supported Standards

ISO/IEC 7816 Part 1 to 4

EMV 2008 Ver 4.2 Level 1

Supported Tag ICs

All major ISO/IEC 7816 compliant Smart Card IC support

Smart Card Protocols

T=0, T=1

Smart Card Interface Speed

Up to 600 kBit/s (depending on card)

TA1=97

Smart Card Clock Frequency

ISO/IEC 7816 compliant up to 5 MHz; Operates up to 16 MHz

Supported Smart Card Types

5V, 3V and 1.8V, ISO/IEC 7816 Class A/B/C

Power to Smart Card

60mA in Class A; 55mA in Class B; 35mA in Class C

Smart Card Detection

Card present switch

Automatic power on/off

Short Circuit protection

Card Size

ID-1

Contact Type

Sliding Contact Socket (8 pin)

Driver and Software

Driver Android CCID Library required

Software Android CCID Library

Windows Mobile Plug and Play driver

Operating Conditions

Power Supply - USB Bus powered

Dimensions 48x20x12mm / 1.889x0.787x0.472 Inch

Weight 10 g ± 5% / 0.02 lb ± 5%

Operating Temperature Range 0° to +50°C / +32 to +122 F

Storage Temperature Range -20 to +60°C / -4 to +140 F

Operating Humidity Range Up to 95% RH non-condensing

Durability Sliding Contacts 100,000 Card Insertions

MTBF 100,000 hours

Connector 5 cm / 2 inch cable with Micro USB Connector

Status Indicator LED

Firmware SmartOS™

Firmware In-field Upgradeable No



Certifications / Compliances

Systems / Standards

EMV 2008 Ver 4.2 Level 1, ISO/IEC 7816, CCID

Regulatory / Environmental

CE, FCC, UL94, UL60950, VCCI, ICES, ANZ, CNS, HBCI, GSA APL, RoHS2, REACH, WEEE