uTrust SmartFold SCR3500-B

The uTrust SmartFold SCR3500 B (formerly knows as the Cloud 2910 R) from Identive is a Micro USB contact smartcard reader that supports all major industry systems and standards including ISO 7816, PS/SC, CCID and EMV Level 1.

Featuring a very short micro USB cable and an ultra-compact foldable housing, the uTrust SmartFold SCR3500 B offers an extremely high level of smartcard security and mechanical reliability to mobile users.

Ideal for network log-in, Windows authentication & Single Sign-On (SSO), banking and cashless payment applications in Windows mobile or Android end-user environments, the uTrust SmartFold SCR3500 B is designed to be used with mobile phones and tablets featuring USB OTG support.

Identiv part number 905434-1

Micro USB foldable smartcard reader aimed at mobile phones and tablets with USB OTG support.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~709/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.

Technical Specifications

Product:

Credential type(s): Contact

Read/Write: Read and Write

Form factor: Portable

Connector: USB micro USB Type B connector

OS support: Windows 11/10/8/7, XP; Windows Server 2022/2016/2012/2008; Mac OS 10.9.x to 10.14.x; Linux 2.6.x to 5.x; Android 8.0 and above

Contact Smartcard Interface:

Contact interface standard: ISO 7816 Part 1 to 4 Class A/B/C, EMV 2011 Ver 4.3 Level 1

Contact card types: Contact chip - standard sized card, Processor cards (T=0 and T=1)

Data transmission protocol: T=0 or T=1

Card contacts: Sliding Contact Socket (6 pin)

Contact read/write speed: Up to 600kbps (depending on card), TA1=97

Clock frequency: Up to 16MHz (ISO/IEC 7816 compliant to 5MHz)

Card insertion cycles: Min 100 000

Host Interface:

Host interface standards: PC/SC

Host data transmission speed (wired): 12 Mbps (USB full speed)

Other Features:

Card detection: Card present switch, Automatic power on/off, Short circuit protection

Status indicator: LED

Firmware in-field upgradeable: No

Certifications:

Manufacturer's warranty: 1 year

MTBF: 500 000hrs

Type approvals: CE, FCC, RoHS 2, REACH, WEEE, UL60950

Application approvals: VCCI (Japan)

Country of origin: Singapore

Physical:

Dimensions: 48 x 20 x 12 mm (1.9 x 0.8 x 0.47 in)

Weight (±5%): 10g (0.35oz)

Cable length supplied: 5 cm (2.0in) cable with micro USB Type B connector

Power:

Supply voltage: 5V USB powered

Operating current: max 60mA (with card); < 6mA (without smart card); <500µA (on standby)

Battery power option: No

Environment:

Operating temperature: 0 to 50degC (32 to 122degF)

Storage temperature: -20 to 60degC (-4 to 140degF)

Operating humidity: Up to 95% RH (non-condensing)

Manufacturer's part number: 905434