



SCR3500 B

uTrust SmartFold Contact Smart Card Reader
(Type B Micro USB Connector)

- **READY TO USE**
CCID library support for Android-based tablet computers and smartphones
- **SUPPORTS ALL APPLICATIONS**
Supports all major smart card ICs and technologies in just one device
- **FAST**
Transaction time optimized for maximum end-user acceptance
- **CONVENIENT**
Ultra-compact and robust design streamlined for operation on smartphones and tablet computers

Identiv's SCR3500 B (previously 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 smartphones. Providing full compliance with all major industry standards, such as ISO/IEC 7816, USB CCID, and PC/SC, SCR3500 B 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 expands daily use to very specific applications requiring additional security and data protection.

With its ultra-compact yet reliable Identiv design and mechanical functionality, SCR3500 B 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 600 kbps with the support of TA1=97 enables the shortest possible transaction times for maximum end-user convenience. The Identiv-specific SmartOS™ features easy and complete support of all major contact smart cards. The Identiv driver platform, as well as the Windows® Plug-and-Play driver support and the Identiv Android CCID library, allows seamless integration into any Windows Mobile or Android end-user environment with very little or no administration.

With SCR3500 B, the end user experiences convenience, transaction time efficiency, security, and reliability for applications such as network login, Windows authentication and Single Sign-On (SSO), banking and cashless payment applications, as well as high-security use cases for federal governments.

PARAMETER	IDENTIV SCR3500 B
Host Interface	USB 2.0 Full Speed (12 Mbps)
Smart Card Interface	
Supported Standards	<ul style="list-style-type: none"> • ISO/IEC 7816 Part 1 to 4 • EMV 2011 Ver 4.3 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	<ul style="list-style-type: none"> • Up to 600 kbps (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

PARAMETER	IDENTIV SCR3500 B
Power to Smart Card	60mA in Class A; 55mA in Class B; 35mA in Class C
Smart Card Detection	<ul style="list-style-type: none"> • Card present switch • Automatic power on/off • Short circuit protection
Card Size	ID-1
Contact Type	Sliding Contact Socket (6 pin)
Driver and Software	
PC/SC Driver	PC/SC Specification Ver. 2.01.14 for: <ul style="list-style-type: none"> • Windows® XP/Vista/7/8/10 (32 and 64 bit); Windows® Server 2003/2008/2012; Windows® CE 6.0/7.0 • MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x, 10.9.x, 10.10.x, 10.11.x, 10.12.x, 10.13.x • Linux 2.4.x, 2.6.x, 3.x (32 and 64 bit) • Android 4.0 and higher
Software	<ul style="list-style-type: none"> • PC/SC API • CT-API (through wrapper on top of PC/SC) • Identiv Android CCID Library
Operating Conditions	
Power Supply	Bus-powered USB
Power Consumption	< 6mA, excluding smart card; <500µA in standby mode
Dimensions	48 x 20 x 12 mm (1.889 x 0.787 x 0.472 in)
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 Contact 100,000 card insertions
MTBF	100,000 hours
Connector	5 cm cable with type B micro USB connector
Status Indicator	LED
Firmware	SmartOS™
Firmware In-field Upgradeable	No
Certifications/Compliances	
Systems/Standards	EMV 2011 Ver 4.3 Level 1, ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® HCK

Identiv, Inc. (NASDAQ: INVE) is the leading global player in physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

Identiv has offices worldwide. Addresses and phone numbers are listed at identiv.com/contact. For more information, visit identiv.com or email sales@identiv.com.

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