IDENTIV

uTrust SmartFold SCR3500 Family

Ultra-Compact Portable Contact Smart Card Readers

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CAC and PIV-approved PC-linked USB contact smart card readers secure data on-the-go.

The uTrust SmartFold SCR3500 is the ideal smart card reader family for a huge variety of mobile applications. Providing full compliance with all major industry standards, such as ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL, SCR3500 works seamlessly with virtually all contact smart cards and PC operating systems. Full support and compliance to EMV 2011 and GSA FIPS 201 expands daily use to very specific applications requiring additional security and data protection.

With its ultra-compact yet reliable design and mechanical functionality, SCR3500 is the ideal travel companion for mobile users requiring the same level of data protection required for desktop applications.

The extended card data transmission rate of up to 600 kbps with the support of TA1=97 enables the shortest possible transaction time for maximum end-user convenience. The Identiv-specific SmartOS™ easily supports all major contact smart cards. The Identiv driver platform and Windows® Plug-and-Play driver support allow seamless integration into any end-user environment with very little or no administration.

Experience 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.

Convenient
- Ultra-compact and robust, designed for easy and ergonomic operation in limited-space environments

Supports all Applications
- Supports ISO/IEC 7816 ID1 contact smart cards

Interoperable
- Supports major contactless card ICs, standards, and technologies

Fast
- Transaction time optimized for maximum end-user acceptance
- Ready-to-use driver support for all major PC operating systems

SmartOS™ Powered

Parameter	Details
Host Interface	USB 2.0 full speed (12 Mbps)
Supported Standards	ISO/IEC 7816 ID1, Class A/B/C support, T=0 , T=1 protocol, 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	• Up to 600 kbps (depending on card) • TA1=97
Smart Card Clock Frequency	ISO/IEC 7816 compliant; Operates up to 16 MHz
Supported Smart Card Types	ISO/IEC 7816 voltage classes A/B/C (5V, 3.3V, 1.8V)
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
Smart Card Interface	ID1 interface 6 pin
Card Size	ID-1
Contact Type	Sliding Contact Socket (6 pin)
PC/SC DRIVER	PC/SC Specification Ver. 2.01.14 for: • Windows® 7/8/10/11 (32 and 64 bit) • Windows® Server 2008/2012/2016/2019 • WindowsXP • MacOS 10.9.x - 12.2.x • Linux 2.6.x, and 3.x, 4.x, 5.x (32 and 64 bit) • Android 8.0 and higher
Software	• PC/SC API • CT-API (through wrapper on top of PC/SC) • Identiv Android CCID Library
Power and Consumption	USB 2.0 Bus-powered
Power Consumption & Delivery	< 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	10/12g (0.022/0.026 lb) depending on product option
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 90% RH non-condensing
Durability	Sliding contact 100,000 card insertions
MTBF	500,000 hours
Connector	USB connector A, B (50mm) or C depending on family member
Status Indicator	LED
Firmware	SmartOS™
Firmware In-Field Upgradeable	No
Systems/Standards	EMV 2011 Ver 4.3 Level 1, ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® HCK
Regulatory/Environmental	CE, FCC, UL60950, VCCI, GSA APL, RoHS2, REACH, WEEE
Product Part Number	905430-1 (USB-A) 905434-1 (Micro-USB) 905559-1 (USB-C)