

# MARKLAND

## SCR3310v2.0

### USB Contact Smart Card Reader / Writer



This ultra-compact reader / writer is CAC and PIV-approved, and adapts for government, enterprise, or home use.

Identiv's SCR3310 v2.0 is the ideal PC-linked USB contact smart card reader for a wide variety of secure applications. Providing full compliance with all major industry standards, including ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL, it 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 applications requiring additional security and data protection. SCR3310v2.0 represents the perfect mix between modern stylish design, ergonomic handling, and a compact footprint. 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 enduser convenience.

The Identiv-specific SmartOS™ features easy and complete support of all major contact smart cards. With SCR3310v2, the end user experiences convenience, transactiontime efficiency, security, and reliability for applications including network log-in, Windows authentication and Single Sign-On (SSO), banking and cashless payment applications, and high-security use cases for federal governments.

#### Ready To Use

- Driver support for all major PC operating systems

#### 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 mobile operation

#### Field Proven Firmware

- Powered by Identiv-specific SmartOS™

#### Connector Options

- Available with the choice of a USB Type-A or Type-C

Parameter	Details
Host Interface	USB 2.0 CCID (USB 1.1/3.0 compliant)
Communication Speed	12 Mbps (USB 2.0 full speed)
<b>Support</b>	
Supported Standards	ISO/IEC 7816 Part 1 to 4, EMV 2011 Ver 4.3 Level 1 (compliant)
Supported Tag ICs	All major ISO/IEC 7816 compliant smart cards and synchronous cards
Smart Card Protocols	T=0, T=1, synchronous cards I2C and 3-wire
Smart Card Interface Speed	<ul style="list-style-type: none"> <li>Up to 600 kbps (depending on card)</li> <li>TA1=97</li> </ul>
Smart Card Clock Frequency	ISO/IEC 7816 compliant; Operates up to 16 MHz
Supported Smart Card Types	5V, 3V, and 1.8V; ISO 7816 smart card Class A, B, and 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	<ul style="list-style-type: none"> <li>8 pin ID-1 Sliding Contact Socket</li> <li>C4/C8 support</li> <li>Card present switch</li> </ul>
<b>Driver and Software</b>	
PC/SC Driver	PC/SC Specification Ver. 2.01.14 for: <ul style="list-style-type: none"> <li>Windows® 7/8/10/11 (32 and 64 bit), Windows® Server 2008/2012/2016/2019, WindowsXP,</li> <li>MacOS 10.9.x - 12.2.x,</li> <li>Linux 2.6.x, and 3.x, 4.x, 5.x (32 and 64 bit),</li> <li>Android 8.0 and higher</li> </ul>
Software	<ul style="list-style-type: none"> <li>PC/SC API</li> <li>CT-API (through wrapper on top of PC/SC)</li> <li>M-Card API (through wrapper on top of PC/SC)</li> </ul>
<b>Operating Conditions</b>	
Power Supply	USB Bus-powered
Power Consumption	<6mA excluding smart card; <20mA with standard card; <500µA in standby mode
Dimensions(L x W x H)	72 x 70 x 14mm
Weight	60g ± 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
Connector	1.5m cable with USB Type A or Type C connector
Status Indicator	Green LED
Firmware	SmartOS™
Firmware In-Field Upgradeable	No
<b>Certifications / Compliance</b>	
Systems/Standards	EMV 2011 Ver 4.3 Level 1(compliant only), ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® HCK
Regulatory/Environmental	CE, FCC, UL 60950, IEC 62368-1, GSA APL, RoHS2, REACH, WEEE