SCR3310 V2 USB smartcard reader

The SCR3310 V2 from Identiv is a USB contact smartcard reader that provides full support for all major industry standards including ISO/IEC 7816, CCID, PC/SC and Microsoft WHQL. The reader is also compliant with EMV 2011 and GSA FIPS 201, expanding its usability to very specific applications such as DOD CAC and PIV card authentication.

With seamless support for virtually all contact smartcards and common PC operating systems, the SCR3310v2 is a compact and robust reader suitable for a wide range of applications. The fixed firmware has been well tested over time and is optimised for speed, supporting 600 kbps card communication speeds as well as popular synchronous memory cards.

There are mounting holes on the reverse, if you need to fix the reader in place.

Identiv part number 905331

Compact and robust contact smartcard reader with option to fix using mounting holes.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~864/scr3310-v2-usb-smartcard-reader/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.

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Technical Specifications

Dimensions: 2.83" x 2.76" x 0.55" (72 x 70 x 14mm)

Weight: 2.12oz (60g)

Power Supply: 5V USB powered

Power Consumption: <6mA excluding smart card; <20mA with standard card, <500μA in standby mode

Cable length: 59.1" (1.5m)

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

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

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

MTBF: 100,000hrs

Host Interface

USB CCID (Standard 2.0 Type A connector)

Transmission Speed: 12 Mbps (USB full speed)

Contact Smartcard Interface

Supports Processor cards: following either T=0 or T=1 protocol

Supports Memory-based Smartcards: Cards following the I2C or 3-wire protocol

Protocol standards: ISO 7816 Part 1 to 4, Class A, B, C (5V, 3V, 1.8V); T=0; T=1; Memory card support

Supported APIs: PC/SC

Supply current: 60mA in Class A, 55mA in Class B and 35mA in Class C

Smartcard read/write speed: up to 600 kbps , TA1=97

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

Durability: Sliding contact 100,000 card insertions

Human Interface

Status Indicator: Green LED

Compliance / Certification

EMV 2011 Ver 4.3 Level 1(compliant only), ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® HCK, CE, FCC, UL 60950, GSA APL, RoHS2, REACH, WEEE

Operating System support

Windows 10, 8, 7 (32 and 64 bit), Windows CE 6.0, 7.0

Windows Server 2016, 2012, 2008

Linux, Mac OS, Android 4.0 and later

Manufacturer's part number: 905331

1 year manufacturer's warranty

Manufacturer: Identiv

Connection Method: USB