



SCR-S G2

OSDP™ RFID card reader without display and keypad

The OSDP™ range of RFID card readers, accessories and configuration tools are suitable for a multitude of solutions, such as time and attendance applications, pipe mailing systems, key cabinets etc., but are primarily intended for physical access control systems. High security RFID-reading options can be combined with legacy technologies to allow an easy upgrade in the security of what is read from a credential. At the other end, the Secure Channel optionality provided by the Open Supervised Device Protocol (OSDP™) gives you end-to-end encryption possibilities from the RFID credential via the RFID card reader to the access control system.

Art no: 44280390

Features

The SCR Configuration tool has been developed for the OSDP™ RFID reader family in order to configure the reader in how to behave, what credentials to read and how to output this reading to the access control system. The configuration file can be saved and encryption keys can be hidden to allow system owners to input encryption keys and then hide the key, so that an installer does not have access to encryption key viewing. When a configuration is completed, it is securely communicated to the reader using configuration cards that are programmed from the SCR Configuration tool.

The RFID capabilities and configuration options allow for a multitude of reading options and combinations using the 13.56MHz frequency. Using the Configuration tool you can enable and disable what MIFARE® unique identifiers (UID) the reader will read, combine with up to five MIFARE Classic® or MIFARE Plus® cards with data programmed on a sector and/or up to five additional MIFARE® DESFire® data media programmed in an application.

The SCR-S G2 contactless card reader communicates with access control units using the OSDP™ communication protocol, which makes it easy to connect and use with access control systems that also use this standard protocol.

SCR-S-G2 uses a RGB-type LED stripe and built-in buzzer to communicate statuses to the users. The built-in mechanical tamper switch protects against unwanted opening of the enclosure and can also be used for indication that the reader has been removed from its original place of installation.

Compliances

The SCR-S-G2 reader complies with the General Product Safety Directive 2001/95/EC, Radio Equipment Directive 2014/53/EU and the Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU including the amended Annex II in 2015/863/EU (RoHS3) and thus fulfils the requirement for CE marking of the device.



- › Contactless card reader without keypad and display
- › High Security RFID reading capable of multiple MIFARE® DESFire® data objects
- › LEDs and internal buzzer for status indication
- › Elegant design (only 20 mm thick) with small foot print in sturdy construction for indoor and outdoor environments
- › OSDP™ communication protocol provides interoperability and possibility of encrypted communication to the access control system
- › SCR Configuration tool available to program the reader how to behave, what credentials to read and how to output readings to the access control system
- › The RFID card readers are designed, refined, manufactured and assembled within the EU

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Technical data

Power supply, typical/min/max	24V DC/11 VDC/30 VDC
Power consumption, typical/max at 24V	20mA/25mA
Enclosure protection	IP65
Impact protection	IK10
Operating temperature	-25°C to +70°C
LED-stripe type	RGB
Dimensions NET (L/W/H)	76,5/45/20 mm
Weight NET	46 g
Colour	NCS 8500-N/NCS 6502-B

Specific technical data

Communication	RS-485/OSDP™
Frequency range	13,56MHz

Article number

44280390	RFID card reader SCR-S G2 without keypad and display
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