



## BCR-SD G2

Card reader

A BCR-SD G2 card reader is included in the Integra access system for contactless card reading. The BCR-SD G2 has a keypad for usage in access control environments that require higher security by addition of a PIN. The card reader is generally mounted in a door environment with the S-Node door control unit in a parted assembly. The lightweight format is easy to place for ultimate user experience.

**Art nr:** 44280370

### Performance

The BCR-SD G2 is equipped with a convenient colour display for icons and text for easy operation, a clearly visual keypad with tactile feedback, light stripe status indications and an internal buzzer. The card reader is mounted in a sturdy tamper-proof case, with an RS-485 interface.

### Function

The card reader is used for contactless access card reading within a 5 cm range, status indications of the door environment, alarm areas and other advanced functionalities. Fully integrated menu system support fast and easy alarm area handling and alarms management. Automatic keypad and display back-light-activation decrease power consumption and together with keypad tactile feedback and built-in buzzer supply user friendly interface. Reader includes fully automatic heating for functionality at low ambient temperatures.

### Technology

The contactless reader uses technology in the 13.56 MHz frequency range. The BCR-SD G2 reader is customized for reading MIFARE® smartcard according to NXP and ISO 14443A. Integra access control system fully supports MIFARE® sector reading, MAD1 and MAD2 for MIFARE® Classic, MIFARE Plus® S, X and MIFARE® DESFire® EV1 and EV2.

Integra has a flexible solution regarding reading and interpreting data stored on smart cards to handle our customer's requirements and card standards. In those cases when you want to use only the MIFARE® UID as card identifier, Integra supports whole data range for both 4 and 7 bytes UID. A reader with Integra software handle data stored in any sector and any data format, with optional safety for MIFARE®Classic, Mifare Plus® and MIFARE® DESFire® EV1 and EV2. Up to 20 different card systems can be configured for reading different customer card formats. Smart cards can be ordered in various designs such as ISO plastic card (CR80 with or without magnetic stripe), key fobs, bracelets or transponder stickers.



- > Contactless card reader with keypad and colour display
- > Alarm bypass functionality, date, time and feedback for user actions provided in full colour, LEDs and buzzer indications
- > Cost-effective solution due to direct connection to the S-Node G2/C-Node G2/Moveo/XL without the need of expensive adapters
- > Elegant design (only 20 mm thick) in sturdy construction for indoor and outdoor environments
- > Parted assembly and tamper protection for high security installations
- > Product is certified for intruder alarm systems as per SSF 1014 issue 5, EN 50131-3:2009, Security grade 3, Environmental class II

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## Technical data

Power supply, typical/min/max	24V DC/11 VDC/30 VDC
Power consumption, typical/max at 24V	50 mA/150 mA
Enclosure	IP54
Operating temperature	-40°C to +70°C
Dimensions NET (L/W/H)	123.5/88/20 mm
Weight NET	150 g
Colour	NCS 8500-N/NCS 6502-B

## Specific technical data

Communication	RS485
Reading distance	ca 50 mm
Frequency range	13,56MHz