

Keyscan iCLASS SE[®] Legacy Reader Series

iCLASS SE readers with backward compatibility

High security access control readers with legacy support

Keyscan iCLASS[®] cards and readers make access control more powerful, more versatile and offer enhanced security through data encryption and mutual authentication between the card and reader.

iCLASS readers are user-friendly, delivering the same convenience and reliability of HID's world-renowned proximity technology, with state-of-the-art features, driven by evolving industry requirements. Upgrading from Proximity to iCLASS technology has never been so simple. All iCLASS readers provide the same wiring connections, low-current consumption and 5 to 16 volt operation as our proximity readers.

Additionally, you can easily migrate your proximity format access control readers and credentials to iCLASS credentials making the transition completely transparent.

Keyscan Elite Key Advantage:

- Keyscan iCLASS cards and readers feature an added layer of encryption – Keyscan Elite Key. This additional security gives Keyscan access control system users a distinct advantage over other iCLASS products and public key credentials.

Compatibility:

- If you purchased Keyscan iCLASS readers and credentials between June 2005 and November 2013 this legacy product will function with those existing Keyscan Elite Key iCLASS readers and credentials.

Security and Functionality:

- iCLASS readers make access control more versatile and offer security through encryption and mutual authentication.
- Supports iCLASS 13.56 MHz smart card technology and can support multiple applications.





These legacy credentials are designed to function with existing Keyscan iCLASS and iCLASS SE Legacy Series readers.

| | |
|-----------|---|
| KC2K2SR | 2K2 Clamshell Card, 36 Bit, Elite Key |
| KI2K2SR | 2K2 ISO Smart card, 36 Bit, Elite Key |
| KI16K16SR | 16K/16 ISO Smartcard, 36 Bit, Elite Key |
| KF2K2SR | 2K2 Smart Fob, 36 Bit, Elite Key |



Gives Keyscan access control system users a distinct advantage

Specifications

| Access Control Unit | KR10L | KR15L (special order) | KR40L | KRK40L |
|------------------------------|--|---|---|---|
| |  |  |  |  |
| Typical read range* | 3" (7.6 cm) | 3" (7.6 cm) | 4" (11.4 cm) | 5" (12.7 cm) |
| Mounting | iCLASS® readers are ideally suited for mullion-mounted door installations, single-gang or any flat surface (reader will not cover junction box) | | Designed to mount and cover single gang switch boxes | |
| Color | Black | | | |
| Keypad | No | No | No | Yes |
| Dimensions | 1.9" x 4.1" x 0.9" (4.8 x 10.3 x 2.3 cm) | 1.9" x 6.0" x 0.9" (4.8 x 15.3 x 2.3 cm) | 3.3" x 4.8" x 1.0" (8.4 x 12.2 x 2.4 cm) | 3.3" x 4.8" x 1.1" (8.4 x 12.2 x 2.8 cm) |
| Product weight (pigtail) | 3.9 oz (113g) | 5.3 oz (151g) | 7.7 oz (220g) | 9.0 oz (256g) |
| Operating voltage range | 5-16 VDC, Linear supply recommended | | | |
| Standard current draw (mA) | 60 | 60 | 65 | 85 |
| Operating temperature | -31° to 150° F (-35° to 65° C) | | | |
| Storage temperature | -67° to 185° F (-55° to 85° C) | | | |
| Environmental rating | Indoor/outdoor IP55; IP65 if installed with optional gasket | | | |
| Operating humidity | 5% to 95% relative humidity non-condensing | | | |
| 13.56 MHz card compatibility | Secure Identity Object™ (SIO) on iCLASS SE/SR; Contactless interface ISO14443 (MIFARE) CSN, ISO14443B CSN, ISO15693 CSN Keyscan Elite Key SR credentials only. Other credential models available by special order. | | | |
| Cable distance | Wiegand Interface. Maximum: 500ft (150m) 6 conductor, 22AWG shielded cable | | | |
| Panel connection | Pigtail | | | |
| Certifications | UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU) | | | |
| Warranty | Limited lifetime warranty | | | |

* Read range differs based on installation conditions. Based on clamshell credential (FOBs and other credentials will provide less read range)

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dormakaba Canada Inc.
901 Burns St., E.,
Whitby, Ontario
Canada L1N 0E6

1 888 539 7226

www.dormakaba.us

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