

# 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.



KR15L KR40L  
KR10L KRK40L

*Gives Keyscan access control system users a distinct advantage*

### Keyscan Elite Key Advantage:

- Keyscan iCLASS ELITE KEY cards and readers feature an added layer of encryption. This additional security gives Keyscan access control system users a distinct advantage over 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	KI16K16SR	16K/16 ISO Smartcard, 36 Bit, Elite Key
KI2K2SR	2K2 ISO Smart card, 36 Bit, Elite Key	KF2K2SR	2K2 Smart Fob, 36 Bit, Elite Key
KI2K2MSR	2K2 ISO Smart card Magstripe, 36 Bit, Elite Key	KT2K2SR	2K2 Smart Tag, 36 Bit, Elite Key

## Specifications:

**KR10L**



**KR15L**



**KR40L**



**KRK40L**



**KR90L**



Typical read range* Based on clamshell credential (FOBs and other credentials will provide less read range)	3" (7.6 cm)	3" (7.6 cm)	4.5" (11.4 cm)	5" (12.7 cm)	15" (39.37 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		Mounts on any standard back boxes or any at surface
Color	Black	Black	Black	Black	Black
Keypad	No	No	No	Yes	No
Dimensions	1.9" x 4.1" x 0.9" (4.8 x 10.3 x 2.3cm)	1.9" x 6.0" x 0.9" (4.8 x 15.3 x 2.3cm)	3.3" x 4.8" x 1.0" (8.4 x 12.2 x 2.4cm)	3.3" x 4.8" x 1.1" (8.4 x 12.2 x 2.8cm)	13.1" (x2) x 1.55" (33.3 (x2) x 3.9cm)
Product weight (pigtail)	3.9 oz (113g)	5.3 oz (151g)	7.7 oz (220g)	9.0 oz (256g)	4lb 1oz (1844g)
Operating voltage range	5-16 VDC, Linear supply recommended				12 or 24 VCD
Standard current draw (mA)	60	60	65	85	110@12V
Peak current draw (mA)	200	200	200	220	300@12V
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				IP65
Operating humidity	5% to 95% relative humidity non-condensing				
Transmit frequency	13.56 MHz				
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	Pigtail	Pigtail	Pigtail	Terminal Strip
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU)				
Warranty	Limited lifetime warranty				

\*Depending upon installation conditions

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