Keyscan iCLASS SE®
Legacy Reader Series

iCLASS SE readers with backward compatibility

dormakaba

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.

Gives Keyscan access control system users a distinct advantage

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

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)