iCLASS SE Legacy 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 ELITE KEY cards and readers feature an added layer of encryption offering additional security to HID's encryption technology. 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.

Easily Interfaced:
· Wiegand output easily interfaces with most existing Wiegand protocol control panels.

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.
· Designed to be compatible with current iCLASS access control environments using existing iCLASS security technology.

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

KC2K2SR	iCLASS SR 2K2 Clamshell Card, 36 Bit, Elite Key	**KF2K2SR**	iCLASS SR 2K2 Smart Fob, 36 Bit, Elite Key
KI2K2SR	iCLASS SR 2K2 ISO Smart Card, 36 Bit, Elite Key	**KT2K2SR**	iCLASS SR 2K2 Smart Tag, 36 Bit, Elite Key
KI2K2MSR	iCLASS SR 2K2 ISO Smart Card Magstripe, 36 Bit, Elite Key	**KTX2ICL**	Embedded iCLASS SR 2K2 Transmitter, 36 Bit, Elite Key
KI16K16SR	iCLASS SR 16K/16 ISO Smart Card, 36 Bit, Elite Key	**TX4ICL**	Embedded iCLASS SR 2K2 Transmitter, 36 Bit, Elite Key

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How Keyscan iCLASS SE Legacy Credentials are designed to work:

Keyscan iCLASS Series

Keyscan iCLASS SE Legacy Series

Keyscan iCLASS SE Series

Backward compatible support for existing installations

New Installations Only

iCLASS SE Legacy Series

iCLASS SE readers with backward compatibility

Specifications:

	KR10L	KR40L	KRK40L	KEYR90
Typical read range*	3.25" (8.9cm)	2.6" (6.6 cm)	3.5" (8.9 cm)	17" - 18" (43.2 - 45cm)
Mounting	iCLASS® readers are ideally suited for mullion-mounted door installations, U.S. single-gang J-box or any flat surface	Designed to mount and cover single gang switch boxes; includes a slotted mounting plate for European and Asian back box spacing	Designed to mount and cover single gang switch boxes; includes a slotted mounting plate for European and Asian back box spacing	Reader body fits onto base mounting plate. Cover fits over reader body, secured with four screws.
Color	Black			
Keypad	No		Yes (4x3)	No
Dimensions	1.9" x 4.0" x 0.9" 4.8cm x 10.3cm x 2.3cm	3.3" x 4.8" x 1.0" 8.4cm x 12.2cm x 2.4cm	3.3" x 4.8" x 1.0" 8.4cm x 12.2cm x 2.4cm	12" x 12" x 1.25" 30.48cm (2) x 3.1cm
Product Weight (Pigtail)	3.9 oz (113g)	7.7 oz (220g)	9.0 oz (256g)	60 oz (1.86 kg)
Operating Voltage range	5-16 VDC, Linear supply recommended			
Current Draw Standard Power (mA)	70	80	105	420
Peak Current Draw Standard Power (mA)	250	240	320	1300
Operating Temperature	-31° to 150° F (-35° to 65° C)			
Storage Temperature	-67° to 185° F (-55° to 85° C)			
Operating Humidity	5% to 95% relative humidity non-condensing			
Transmit Frequency	13.56 MHz			
13.56 MHz Card Compatibility	15693 - read only; 2k bit (256 Byte), 16k bit (2k Byte), 32k bit (4k Byte) iCLASS credentials, serial number / 14443B - read only; 2k bit (256 Byte), 16k bit (2k Byte), 32k bit (4k Byte) iCLASS credentials serial number / 14443A - read only; MIFARE®			
Cable Distance	Wiegand Interface 500ft (150m) (22AWG) - Use Shielded cable for best results			
Panel Connection	Pigtail			
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU)			
Warranty	Limited Lifetime			

*Dependent upon installation conditions