Future proof your business today with Keyscan iCLASS readers & cards. With iClass you can add biometrics, data storage and retrieval, PC Log ON and other on-card applications.

Move to the increased functionality and security of read/write contactless smart cards that can deliver a new set of benefits - ease, affordability, and confidence. That's because Keyscan's iCLASS can be seamlessly added to your current system.

And you can upgrade with a minimum of hassle and expense!

Keyscan's iCLASS offers:

• Plug-n-play compatibility with existing Keyscan access control systems.

• Flexibility - meets multiple ISO standards (15693 or 14443A/B).

• 2k bits and 16k bits credentials (card, key, or tag) with Keyscan's

   36 Bit format for access control.

• High security with mutual authentication, encrypted data

   transfers and 64 bit diversified key

• The convenience of proximity in a smart package.

ALL iCLASS READERS/WRITERS FEATURE:

- A multi-technology 13.56 MHz interface that meets ISO 14443A (MIFARE®), 14443B2, and 15693 standards.

- The ability to read 32 bit MIFARE serial numbers.

- Highly secure 64 bit diversified keys for mutual authentication.

- Encrypted data transfer between the card and the reader through the use of secure algorithms.

- Advanced key management systems to reduce the risk of compromised data or duplicated cards.

- A Wiegand output that easily interfaces with existing Keyscan access control panels.

- An easy-to-install, three-part reader, compatible with global electrical back boxes, and made more secure with the addition of a tamper magnet* and security screw.

- A factory or field configurable tri-color light bar and multi-tone speaker that provides distinguishable indicators for both the visually and hearing impaired.

- Confidently install iCLASS contactless smart card readers, knowing that the Wiegand output easily interfaces with existing Keyscan access control panels.

- * Tamper magnet is built into all models except the R10.

Dimensions:
- R10 Reader (KeyR10) 1.90" x 4.04" x .80" (4.83cm x 10.26 cm x2.03cm)
- R40 Reader and RW400 Reader/Writer (KEYR40) and (KEYRW400) 3.30" x 4.80" x .85" (8.38cm x 12.19cm x 2.16cm)
- RK40 Reader with Keypad (KEYRK40) 3.30" x 4.80" x .90" (8.38cm x 12.19cm x 2.286cm)

Read Range:
- R10: 2 – 3" (5.0 cm-7.6 cm) when using KEY2K2 or KEY16K2 cards
- R40/RW400: 2.5"-4.5" (6.3 cm-11.4 cm) when using KEY2K2 or KEY16K2 cards
- RK40: 3.0"-4.0" (7.6 cm-10.1 cm) when using KEY2K2 or KEY16K2 cards

(Note: Read Range reduced by 50% when using iCLASS Key Fobs and Tags)

Input Voltage:
- 12 VDC at Reader

Operating Temperature:
- -30° to 150°F (-35° to 65°C)

Operating Humidity:
- 5-95% non-condensing

Output Formats:
- 36 Bit Keyscan

Approvals:
- UL, FCC, CE, VdS*, Canada, New Zealand, Singapore, Japan and Korea

Warranty:
Lifetime

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iCLASS Card

STANDARD CONTACTLESS SMART CARD

Memory Size available:
2k bits (256Bytes) and 16k bits (2kBytes)

iClass Cards
KEY 2K2 (iClass card 2K, 2 applications)
KEY 2K16 (iClass card 16K, 2 applications)
KEY 2K16 (iClass card 16K, 16 applications)

Format:
Keyscan 36bit

Slot Punch:
Vertical Only

Operating Temperature:
- 40° to 158°F (-40° to 70°C)

Packaging:
50 Sequential cards per package

iCLASS Key Fob

CONTACTLESS SMART FOB

Memory Size available:
2k bits (256Bytes) and 16k bits (2kBytes)

iClass Key Fob
KEYFOB2K2
(iClass Key Fob 2K, 2 applications)

KEYFOB16K2
(iClass Key Fob 16K, 2 applications)

KEYFOB16K16
(iClass Key Fob 16K, 16 applications)

Format:
Keyscan 36bit

Operating Temperature:
- 40° to 158°F (-40° to 70°C)

Packaging:
50 Sequential fobs per package

iCLASS Key Tag

CONTACTLESS SMART TAG

Memory Size available:
2k bits (256Bytes) and 16k bits (2kBytes)

iClass Adhesive Tag
KEYTG2K2
(iClass adhesive tag 2K, 2 applications)

KEYTG16K2
(iClass adhesive tag 16K, 2 applications)

KEYTG16K16
(iClass adhesive tag 16K, 16 applications)

Format:
Keyscan 36bit

Operating Temperature:
- 40° to 158°F (-40° to 70°C)

Packaging:
50 Sequential tags per package

Want more information? Contact your local representative at: