



900NTNNEK00342

HID iCLASS SE R10, minimullion, Wie, pigtail , black

Product overview

HID Global's iCLASS SE access control platform goes beyond the traditional smart card model to offer a secure, standards-based and flexible platform that has become the new benchmark for highly adaptable, interoperable and secure access control solutions.

Ideal for new and existing installations

iCLASS SE readers provide customers the assurance that their existing investments can be leveraged to enhance their system as business requirements change. The technology-independent readers also support iCLASS Seos and iCLASS SE credential platforms, as well as standard iCLASS, MIFARE, MIFARE DESFire EV1 and other leading technologies.

New technology

Additionally, iCLASS SE readers support Near Field Communication (NFC) smartphones via Seos, enabling a new class of portable identity credentials that can be securely provisioned and safely embedded into both fixed and mobile devices.

Part of a larger platform

As part of HID Global's iCLASS SE platform – based on HID's Secure Identity Object™ (SIO) data model and Trusted Identity Platform® (TIP™) – the powerfully secure iCLASS SE readers offer advanced features such as multi-layered security beyond the card technology and tamper-proof protection of keys/cryptographic operations using EAL5+ secure element hardware.

Easily Interfaced

iCLASS SE readers include Open Supervised Device Protocol (OSDP), a new Security Industry Association (SIA) standard that together with Secure Channel Protocol (SCP) provides secure communications and central management.



Details

- Powerfully Secure – Provides multi-layered security beyond the card technology, providing added protection to identity data using SIOs.
- Technology-independent – Supports multiple technologies (iCLASS® Seos™ and iCLASS SE credential platforms, standard iCLASS, MIFARE®, and MIFARE DESFire® EV1).
- Adaptable – Interoperable with a growing range of technology environments and form factors including NFC smartphones via Seos.
- Standardized Communications – Open Supervised Device Protocol (OSDP) for secure, bidirectional communication.

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Especificações técnicas

Sistema

Distância de leitura	13.56 MHz Single TechNology Card (SIO Data Model): iCLASS SE 7.6 cm; DESFire EV1 5.1 cm; MIFARE Classic 5.8 cm, 13.56 MHz Single TechNology Tag or Fob (SIO Data Model): iCLASS SE 3.3 cm; MIFARE Classic 1.3 cm
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Distância máx. do leitor ao painel 152 m

RTE (Pedido De Saída) Não

CSN (Número de Série de Cartão) Sim

Modelo personalizado de dados Não

Vicinity Type ISO15693

Nr. de LEDs 1

Nr. de coberturas incluídas 1

Tecnologia

Tipo leitor Smart Card

Frequência operação-transmissão Leitor 13.56 MHz

Suporta tecnologia 13.56MHz CEPAS CSN or CAN, FeliCa CSN, iCLASS (CSN), iCLASS SE (CSN), iCLASS SR (CSN), MIFARE Classic (CSN), MIFARE DESFire EV1 (CSN), SEOS, SIO

Tecnologia suporte UHF Não

Tipo Mifare ISO14443A, ISO14443B

Nr. de bytes CSN Mifare 4 Byte (S50), 7 Byte (S70)

Leitura escrita Não

Módulo SAM incorporado Não

Interface & ligações

Interface Wiegand

Tipo de conector Rabo porco

Comprimento do chicote 46 cm

Tipo de tamper

Tamper remoção Sim

Tamper de abertura Não

Operação

Autônoma Não

Teclado PIN Não

Elétrica

Tipo de fonte de alimentação VDC

Valor da fonte de alimentação 5 to 16 VDC

Consumo de corrente 60 mA @ 16 VDC

Físico

Dimensões físicas 48 x 103 x 23 mm

Peso líquido 113 g

Peso do envio 153 g

Cor Preto

Material Policarbonato

Fator de forma Mini-Mullion

Tipo de montagem Montagem em superfície

Ambiental

Ambiente Exterior

Temperatura de operação -35 to +65°C

Temperatura de armazenamento -55 to +85°C

Humidade relativa 5 to 95% noncondensing

Classificação IP IP 55

Regulamentação

Conformidade CE, FCC, FIPS 201, IC, iDA, KCC, MIC, NCC, RCM, RoHS, SRRC, UL 294

Dimensions

4.8 cm x 10.3 cm x 2.3 cm

Mounting

Mini-Mullion Size; physically HID's smallest iCLASS® readers and are ideally suited for mullion-mounted door installations, U.S. single-gang J-box (with mud ring) or any flat surface

Color

Black

Weight (Pigtail)

113 g

Weight (Terminal Strip)

84 g

Material

UL94 Polycarbonate

Panel Connection

Pigtail or Terminal strip depending on product type

Power Supply

5 - 16 VDC Linear Supply recommended

Standard Power Mode

Current Requirements

45/75 mA @ 12 VDC Avg/Peak

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13,56 Mhz Card Compatibility

Secure Identity Object™ (SIO) on iCLASS SE/SR, SE for MIFARE DESFire EV1 and SE for MIFARE Classic (On by Default)

Standard iCLASS Access Control Application (order with Standard interpreter)

ISO14443A (MIFARE) CSN, ISO14443B CSN, ISO15693 CSN

Typical Maximum Read Range

13.56 MHz Single Technology ID-1 Credentials (Cards) - SIO Data Model

iCLASS® SE™: 2.8" (7.1 cm)

SE for DESFire® EV1: 1.6 (4.1 cm)

SE for MIFARE® Classic: 2.6" (6.6 cm)

13.56 MHz Single Technology Tags/Fobs - SIO data Model

iCLASS SE: 1.5" (3.8 cm)

SE for MIFARE Classic: 1.2" (3.0 cm)

Cable Distance

150 m

Operating Temperature

-35° to 65° C

Relative humidity non-condensing

5% to 95%

Transmit Frequency

13.56 MHz

Interface

Wiegand or OSDP depending on product type

Environmental Rating

IP55

HID Patent

US7124943, US6058481, US6337619

Trademarks

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