HID®

iCLASS SE® Key II

HIGH FREQUENCY CONTACTLESS KEY FOB

BASE PART NUMBER: 325X

- **Convenient form factor with greater durability** – Molded, high-impact polymer housing for maximum protection in harsh environments.
- **Part of iCLASS SE® Platform** – For increased security, interoperability and performance.
- **Technology-independent security** – Provides multi-layered security beyond the device technology for added protection to identity data using HID Global's SIO®.
- **Trusted management and distribution of secure identities** – Helps provide trusted identity within the iClass SE platform of interoperable products

TECHNOLOGY FEATURES

- Read/write contactless smart card technology for high-speed, reliable communications and high data integrity.
- Meets ISO/IEC 15693 standards for contactless communications.
- Multiple securely separated application areas are each protected by 64-bit diversified read/write keys for data access.
- Long-lasting durability – Passive, no-battery design.
- Strong, environmentally resistant design.
- Variable memory size and memory organization to accommodate a range of application requirements.
- Multi-application capabilities.

HID's iCLASS SE® Key Fob is a high-frequency portable credential that makes access control more powerful and more secure through encryption of all radio frequency data transmissions between the key fob and reader using a secure algorithm.

Enclosed in a rugged plastic casing for use in extreme environments, the iCLASS SE Key Fob is the size of a typical car key and can be easily placed on a key ring or lanyard.

The key fob is part of the standards-based iCLASS SE platform, which is based on HID Global's Secure Identity Object® (SIO®) data model and Trusted Identity Platform™ (TIP™). Loaded with an SIO residing inside the iCLASS® chip, those devices deliver increased security with data signatures and encryption to help prevent any unauthenticated read access.

The iCLASS SE platform is based on a full ecosystem of interoperable products providing technology-independent and increased security to protect data management and distribution.

The read/write contactless iCLASS SE Key Fob can be used in a variety of applications, including physical access control, PC logon, biometric verification, time and attendance, cashless vending, transit, airline ticketing and customer loyalty programs.

For large deployments, organizations can customize the key fob by incorporating logos and additional elements into the rubber insert on the front of the key fob.

HIGHER SECURITY

- **Trusted Identity Platform™ (TIP™) Enabled** – Provides trusted identity within a secure ecosystem of interoperable products for distribution and management of the SIO® data objects.

- **Multi-Layered Security -** Supports data authenticity and privacy through the multi-layered security of HID's SIO.

- **SIO data binding** – Inhibits data cloning by binding an object to a specific credential.

- Mutual authentication support with iCLASS technology with encrypted data transfer and 64-bits diversified keys for read/write capabilities.

- **Expanded iCLASS Elite™ Program** – Extends private security by protecting uniquely keyed credentials, SIO's and programming update keys.

SPECIFICATIONS

iCLASS SE® Key II

Base Part Number	3250 - Memory 2k bit (256 Bytes) 3251 - Memory 16k bit (2k Bytes) card with 2 application areas 3252 - Memory 16k bit (2k Bytes) card with 16 application areas 3253 - Memory 32k bit (4k Bytes) 16k/2+16k/1 3254 - Memory 32k bit (4k Bytes) 16k/16 + 16k/1
Design	Black with blue HID insert
Operating frequency	13.56 MHz
Typical Maximum Read Range	Up to 70 mm (depending the reader in use)
Dimensions	1.555 x 1.25 x 0.235 inches max (3.95 x 3.18 x 0.60 cm)
Construction	Ultrasonically welded ABS Shell with TPE insert
Operating Temperature	-50° to 160° F (-45° to 70° C)
Weight	0.14 oz (4.0g)
Transaction Time	<100 ms Typical
Baud Rate	15693 mode - 26 kbps
Memory Type	EEPROM, read/write
Write Endurance	Min 100,000 erase/write cycles
Data Retention	Min 10 years non-volatile data retention
Slot Punch	Key Ring Hole
HID Managed Services	Customized devices are available through HID Secure Identity Services™ (with customized rubber insert)
Printable	No
Warranty	Lifetime
Options/Accessories	Key Ring sold separately (Part Number: 57-0001-02) Laser marking (with add on price)

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