

ROSSLARE



Multi-Smart™ Secure Reader



The Future-proof Transition Reader

Sleek. Versatile. Robust.

Rosslare introduces the Multi-Smart™ secure reader series, designed for modern and future-ready access control with water resistance, vandal-proof construction, and antimicrobial protection. Supporting DESFire EV3, 13.56MHz, 125kHz, MIFARE® Classic Sector, MIFARE® Classic CSN, NFC, and BLE mobile credentials, it ensures seamless integration and future-proof security.

With DESFire EV3 encryption and OSDP secure channel communication, Multi-Smart™ provides advanced data protection, cloning prevention, and encrypted storage. It enables a smooth migration to high-security credentials while maintaining compatibility with legacy systems, making upgrades cost-effective and scalable.

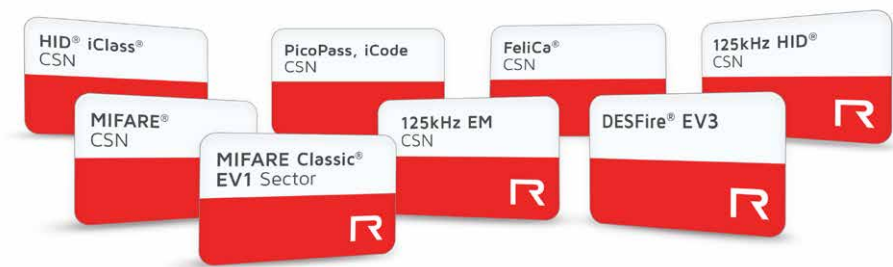
Supporting both physical and mobile credentials, Multi-Smart™ enhances security, user experience, and operational efficiency. Ideal for enterprise, commercial, and high-security environments, it ensures long-term reliability and adaptability.

Flexible multi technology that packs it all in

The Multi-Smart™ series is flexible and future-proof by design, enabling organizations to meet their ever-changing requirements and applications. Upgrading to Multi-Smart™ allows easy transition to the convenience of mobility, multi-factor authentication and more, with security and compatibility that cover all your access control needs for years to come – without replacing your existing credentials.

Versatile credential support

Compatible with DESFire EV1/EV2/EV3 secure credentials, 125 kHz (FSK & ASK), MIFARE® Classic EV1 Sector Read, 13.56 MHz standards, Bluetooth®, and NFC.



Enhanced Security & Interoperability

The Multi-Smart series supports DESFire EV1/EV2/EV3 credentials, ensuring advanced encryption, seamless integration with modern access control systems, and robust security standards.

Simple migration to OSDP



Supports SIA Open Supervised Device Protocol (OSDP V2) including SCP mode ("Secured Channel Protocol") bi-directional communication between the reader and door controller, making migration from Wiegand to OSDP simple.

Universal Wiegand support

Supports multiple Wiegand formats, enabling seamless integration with legacy systems without replacing controllers or wiring.

Multi-function capacitive button

LED-backlit touch button for doorbell, REX, emergency call, light switch, and more.

Vandal proof and water resistance

IK09 vandal proof and IP68 water and dust resistant ratings.



IP68



IK09

Dual factor authentication support

Offers enhanced security powered by Rosslare AxTraxPro™ management system, enables dual credentials policy for higher security.



Innovative antimicrobial technology



99.8%

Rosslare's Multi-Smart™ series is now more protected than ever. An innovative antimicrobial technology significantly reduces the level of microbes by up to 99.8%.

Our reader is now cleaner, more hygienic, and significantly reduces the risk of cross contamination by lowering the transfer of degrading microbes from surface to surface.

Robust & sleek design

The Multi-Smart™ series features a sleek and modern design. Together with a powerful admin app and a variety of features and support options, onboarding has never been easier.

Secure mobile credentials

Leveraging the users' smartphones as credentials. Remote enrolment enables contactless operation with BLE (Bluetooth Low Energy) and NFC technologies using Rosslare BLE-ID™ app or Mobile Credentials SDK.

Bluetooth® & NFC mobile identity for iOS and Android



iOS

- Widely available on app stores globally
- Up to 12m range for BLE
- Up to 7cm range for NFC
- Optimized user experience
- Remote user enrolment for high convenience



Friendly mobile admin app

Using the BLE-Admin app, all reader configurations and behaviors can be fully set and secured from the palm of your hand. You can also distribute similar settings across multiple readers effortlessly.



Easy installation with Rosslare BLE-Admin™ app



Secured initial reader setup in seconds



Reduced technical support



Universal card programming

KeyCard Studio is an advanced tool for configuring DESFire EV1, EV2, and EV3 cards. Offers a user-friendly interface, simplifying the management of card settings and programming (used with CP-R27 programming device)

Fit for any use case

The Multi-Smart™ is ideal for Access Control & Parking Management in residential buildings, hospitals, laboratories, offices, smart-city, enterprises, hotels, universities, banks and more.



System configuration

