ROSSLARE



AY-K35

Multi-Smart™ Reader

The Future-proof Transition Reader

Sleek. Versatile. Robust.

Rosslare introduces the Multi-Smart™ mini mullion AY-K35, a multi-technology reader with water resistance, vandal-proof and anti-microbial properties, offering versatility and scalability to secure your physical access control today and into the future.

Including 125 kHz, 13.56 MHz & MIFARE Classic Sector credentials, with NFC and BLE mobile credentials, to power your systems and user experiences.

Equipped with OSDP secure channel, AY-K35 makes migration to advanced credentials security easy without having to replace existing credentials, opening opportunities for new and more advanced credentials and security options.

Organizations using AY-K35 can develop a credentials strategy that better accommodates different user profiles, combining soft & hard credentials in order to reach optimized cost vs. functionality across the different sites & points of access.

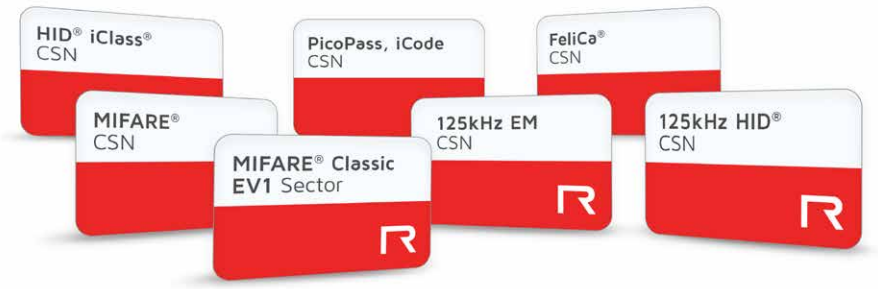
Flexible multi technology that packs it all in

AY-K35 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.

AY-K35

Highly versatile

Supports CSN credentials types including 125 kHz (FSK & ASK), wide range of 13.56 MHz standards including MIFARE® Classic EV1 Sector Read (Easy Key Setting via Mobile App), and Bluetooth® and NFC.



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

With a wide range of Wiegand format outputs, even legacy systems can enjoy the benefits of Multi-Smart™ without having to replace legacy controllers or existing wiring.

General purpose capacitive button

One touch capacitive button with LED backlight used as doorbell (optional bell labels are available), 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.



AY-K35

Innovative antimicrobial technology

99.8%

Rosslare's Multi-Smart™ AY-K35 reader 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

AY-K35 features a sleek and modern mini-mullion 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

Making deployment and management quick and easy with intuitive installer app for iOS and Android ("Rosslare BLE-Admin™").

Supports LED, buzzer and touch button behavior, Wiegand and OSDP secure channel configuration, MIFARE Classic read sector key and more. All this from the palm of your hand in no time, and fully secured.

- Easy installation with Rosslare BLE-Admin™ app
- Secured initial reader setup in minutes
- Reduced technical support

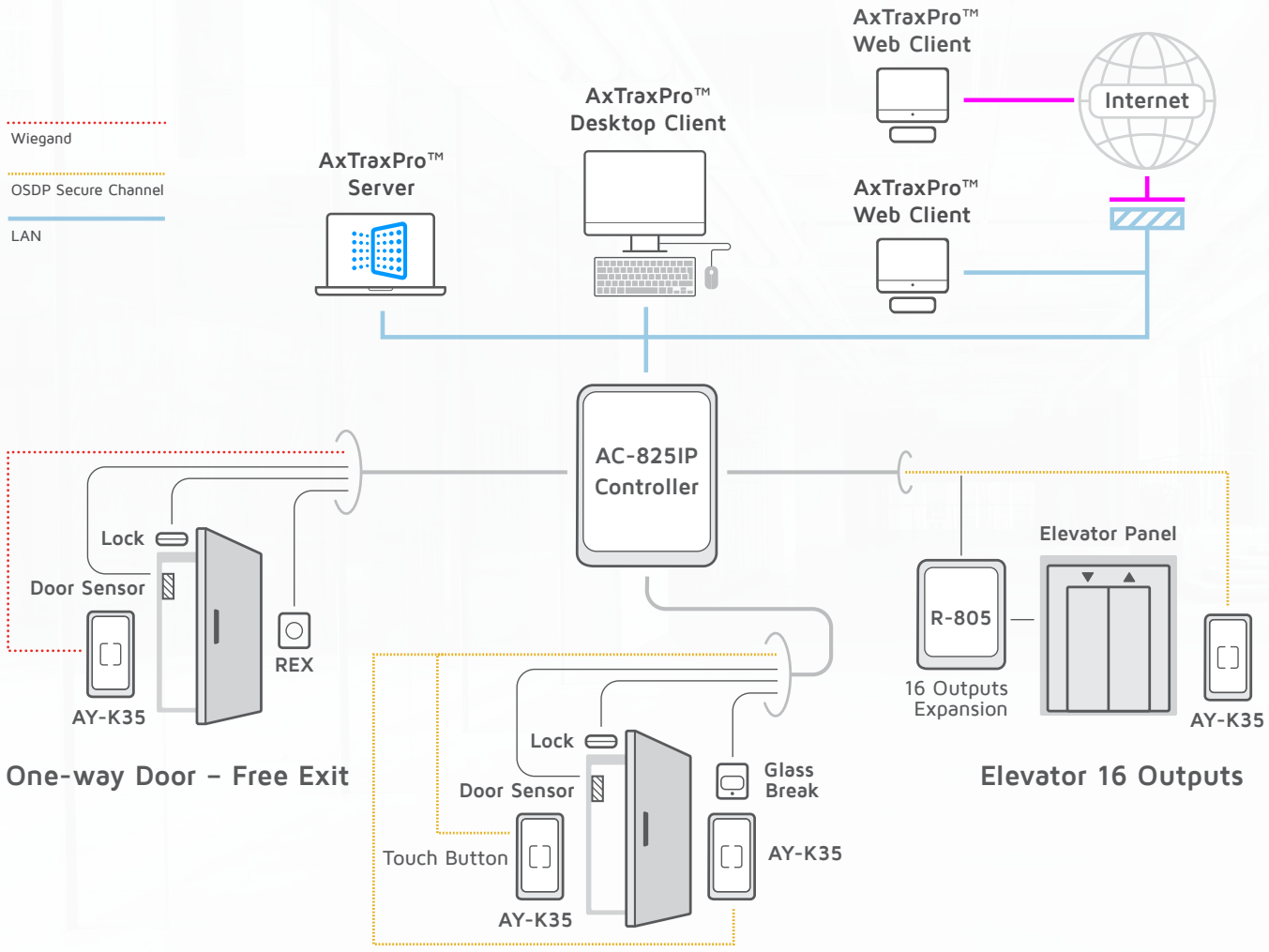


Fit for any use case

AY-K35 is ideal for Access Control & Parking Management in residential buildings, hospitals, laboratories, offices, smart-city, enterprises, hotels, universities, banks and more.



System configuration



Scan to download

BLE-ID™ app

BLE-Admin™ app