

# ROSSLARE



## All You Need In A Long-Range Reader

Rosslare introduces UHF-Smart™ AY-U915BT & AY-U920BT high-performance long-range proximity readers, offering versatility and scalability to secure your physical access control and include water resistance and vandal-proof properties. Leveraging UHF-RFID technology with BLE (Bluetooth low energy), UHF-Smart™ brings a new level of convenience to general purpose applications such as car parking, emergency and asset management and more.

The high-performance UHF-Smart™ readers are designed to maximize reading tags coverage area, making them ideal for hands-free access control. They feature a selectable read range with single or multi-credential read mode, in addition to Wiegand 26-bit to 128-bit or SIA OSDP V2 Secure Channel output. Both models are easy to install and are fully programmable using the Rosslare BLE-Admin™ app.

## AY-U915BT & AY-U920BT

UHF-Smart™ Long-Range /  
Extended Long-Range Readers



## Flexible UHF and BLE technology packed in one

UHF-Smart™ readers enable organizations to meet their dynamic needs with exceptional performance in reading distance and speed, for more fluent vehicle access and management.

### Long-range UHF

AY-U915BT supports UHF read range of up to 6m (19 ft).

### Extended long-range UHF

AY-U920BT supports UHF read range of up to 12m (39 ft).

### Protected mode

Readers and cards can be factory-customized to only allow recognized credentials to pass on to the controller. This optional feature, based on the use of a customer-defined credential suffix, filters out unwanted credentials at the reader, resulting in reduced system traffic.

### Support single and multi-credentials modes

Reads from 1 to 5 credentials per second for high throughput applications.

### Versatile

UHF-RFID and Bluetooth credentials.

### Strong and break resistant

Rugged and built from robust materials.

### Vandal proof and water resistance

IK10 vandal proof and IP67 water and dust resistant ratings.



IP67



IK10

### Dual factor authentication support

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

### Vehicle access solution

Part of Rosslare in-system vehicle access solution that integrates with facility access systems to control both personal and vehicle access simultaneously.

### Compatibility

Works with all Rosslare network controllers, as well as most of the third-party controllers and access control systems supporting Wiegand 26-bit to 128-bit and OSDP V2 Secure Channel.



**ROSSLARE**



## Secure mobile credentials

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

### Bluetooth® mobile identity for iOS and Android



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



## Friendly mobile admin app

Rosslare BLE-Admin™ installer app for iOS and Android makes deployment and management quick. Supports LED and buzzer behavior, Wiegand format, OSDP address, secure channel key and more.



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

## Wide selection of UHF compatible tags

To achieve best performance, Rosslare offers a wide variety of UHF credentials, including ISO cards, labels and hard tags to work with virtually any solution on the market.



## Supported by Rosslare USB desktop reader

Advanced enrollment station that features multiple technologies in one unit; Rosslare BLE-ID™, UHF-ID credentials, and 13.56 MHz RFID.

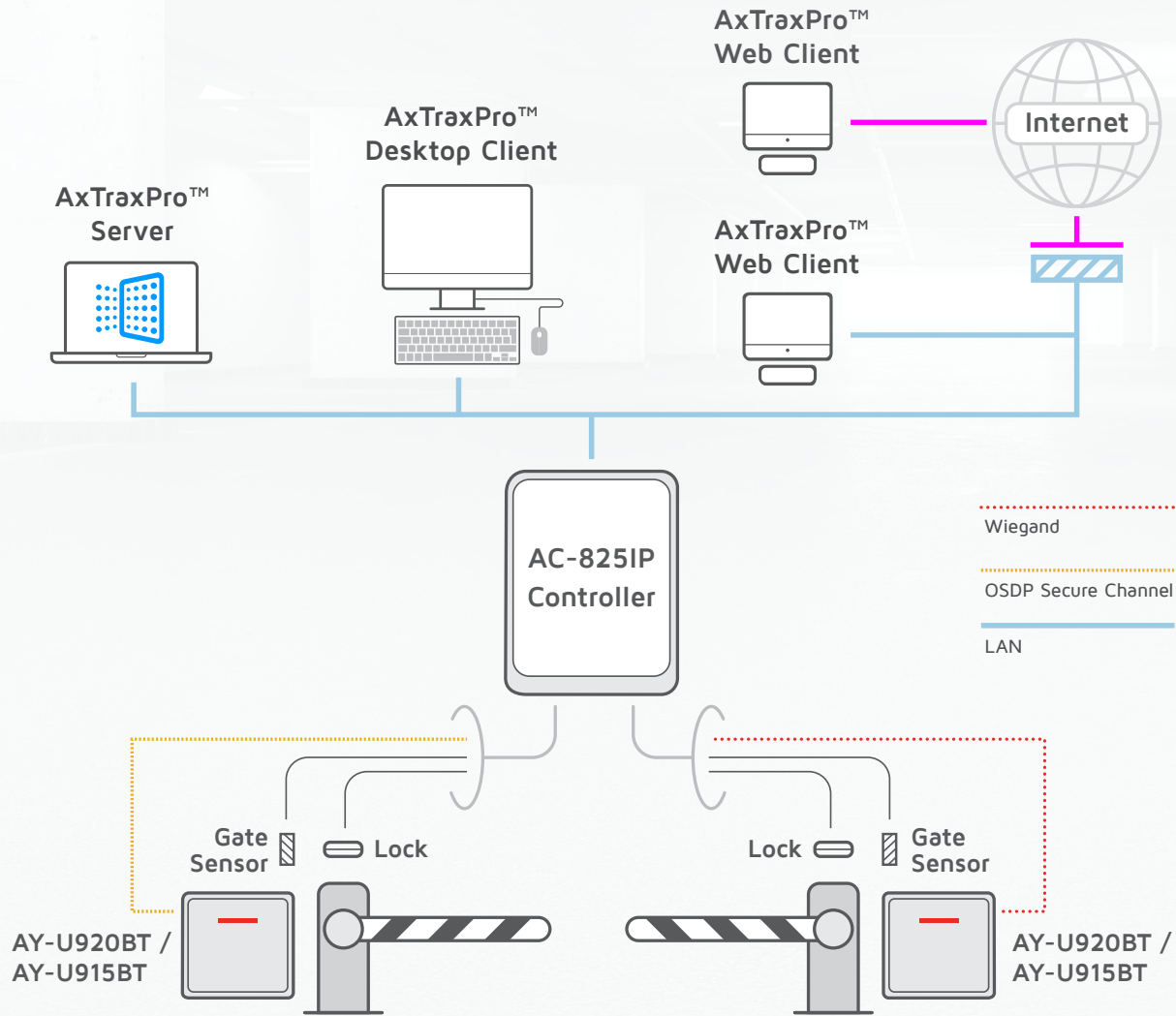


DR-U955BT



## Fit for any use case

UHF-Smart™ readers are ideal for any long-distance identification applications, whether you need to park a vehicle, improve your production process, rush a bed into emergency and more.

# System configuration



Scan to download



BLE-ID™ app      BLE-Admin™ app