

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 AxTraxNG 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.



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.

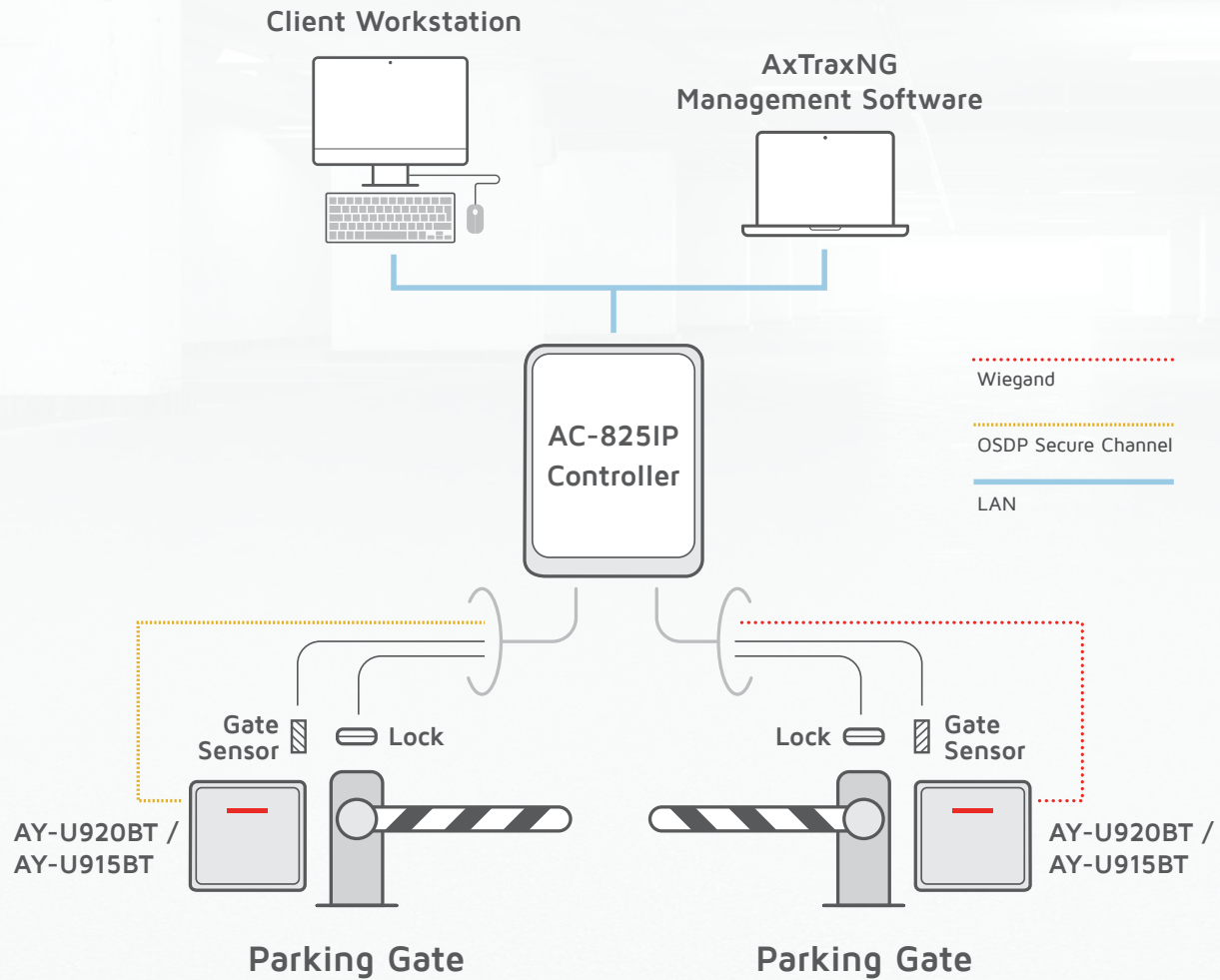


DR-U955BT



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