ROSSLARE SECURITY PRODUCTS

Parking Management

Parking Management
Introduction

- The need for security and surveillance of parking areas is rapidly growing. Solutions such as access control, security and surveillance, parking fee and revenue management is estimated to grow to $7.43 billion by 2018*

- Rosslare Security Products has developed a wide variety of intelligent and advanced solutions to monitor premises and parking

- Rosslare offers scalable and flexible solutions to work in conjunction with other system

*source: www.marketsandmarkets.com

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Parking Management

AxTraxNG™ Software

- The system can be configured by the AxTraxNG software, which includes Car Parking Management:

  - Attendance monitoring solutions such as Time & Attendance and CCTV

  - Advanced Access Area assignment

  - Monitoring of the number of users in a certain area

  - Complete access monitoring capability

  - User-friendly software with intuitive GUI helps reduce the complexity of installation

Parking Management
Solutions

- Rosslare can customize the solution according to your customer's requirements, from a single product to a combination of solutions, supplying the most comprehensive choice:

- Main solutions discussed:

  - **AY-U900** – UHF A long-range credential reader

  - **AY-L23** – Ultra long-range RF reader using the SA-23 remote control

  - **License Plate Recognition (LPR)** – Automatic gate control

ACCESS CONTROL

AY-U900

AY-U900

Description

- Long-range proximity RFID card/tag reader
- Secured
  - Only registered people/vehicles are allowed access
- Saves time
  - Eliminates the swipe of a card
  - Opens the gate automatically as you arrive
  - Suitable for vehicles of different types and sizes
- Flexible
  - Can be connected to any existing solution

AY-U900

Main Features

- Both easy to install and easy to use

- Water resistant (IP54)

- Compatible with multiple protocols and can read tags, cards, and labels

- Read range up to 12 m (39 ft)

- Dual polarization for credential reading improvements

- Using an MD-W11N/F unit allows the option of having the reader located far from the controller with no need for wiring

MD-W11N/F/BP

Description

With a read range of up to 300 m outdoors, MD-W11N/F unit allows the option of having the reader located far from the controller with no need for wiring

- Secured

  - Bi-directional RF data communication

  - Rolling code to increase security

- Affordable – Inexpensive solution for connecting the remote reader to an access control unit without extra wiring costs

- Easy – No need for wiring, easy to install and use

MD-W11N
Near Unit

MD-W11F
Far Unit

MD-W11BP
Battery Pack

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UHF Credentials

AY-U900 works with passive card, tags, and labels

- Cards and tags are reliable and interference free
  - No electromagnetic interference
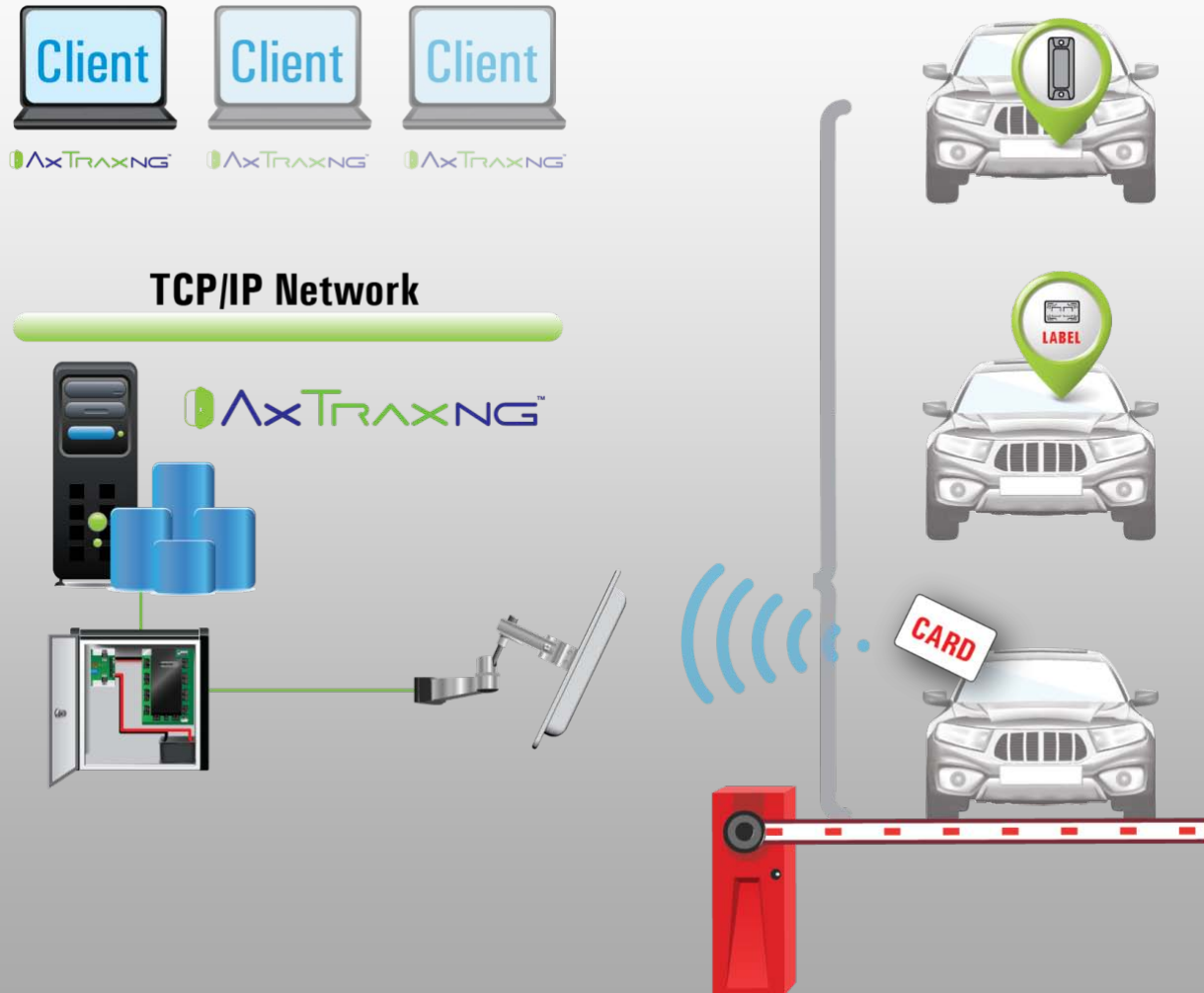- Strong, flexible and resistant to breaking

UHF CARDS

UHF LABEL

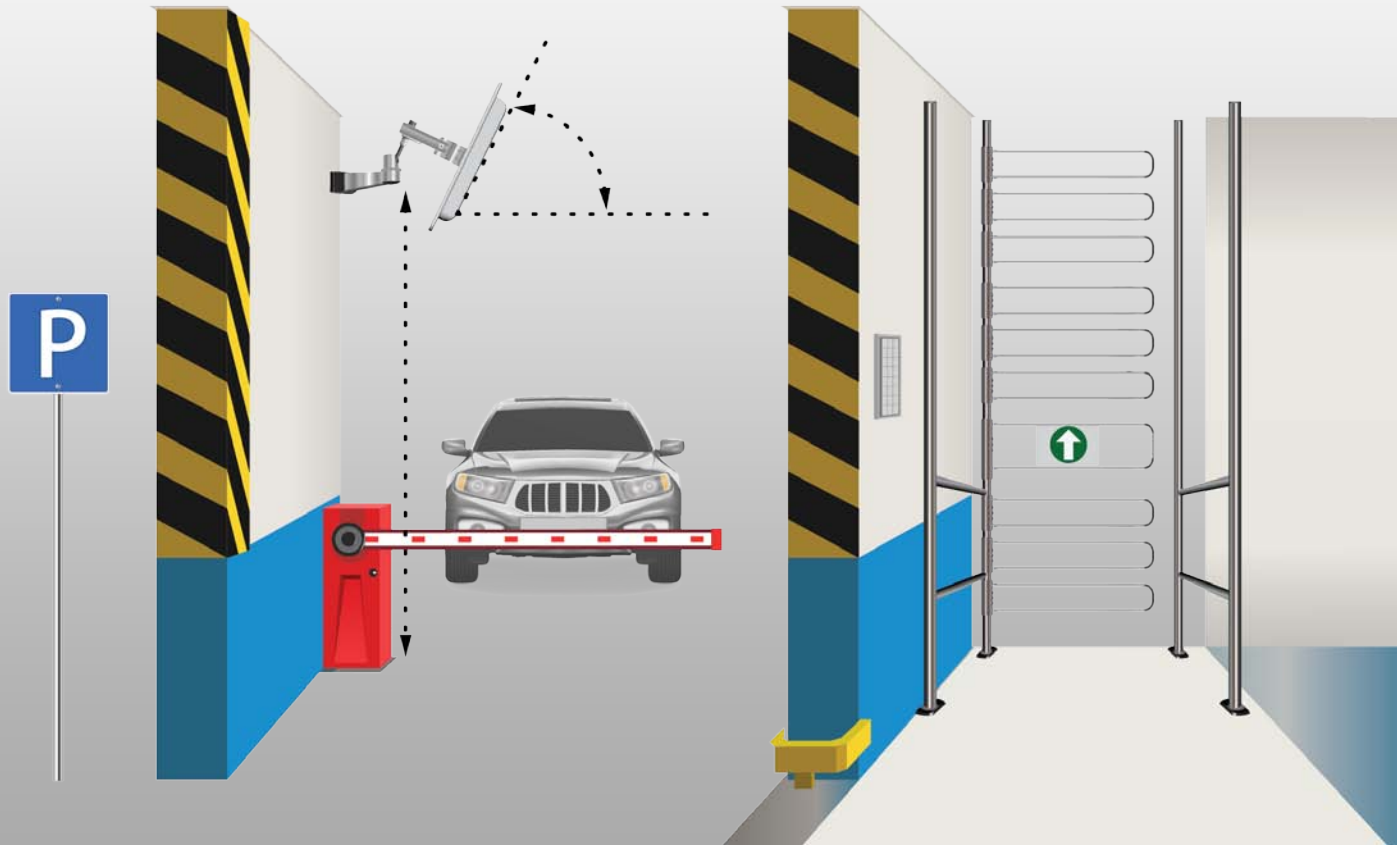
UHF HARD TAGS

AY-U900 and UHF Credentials

Sample Setup

AY-U900 Example

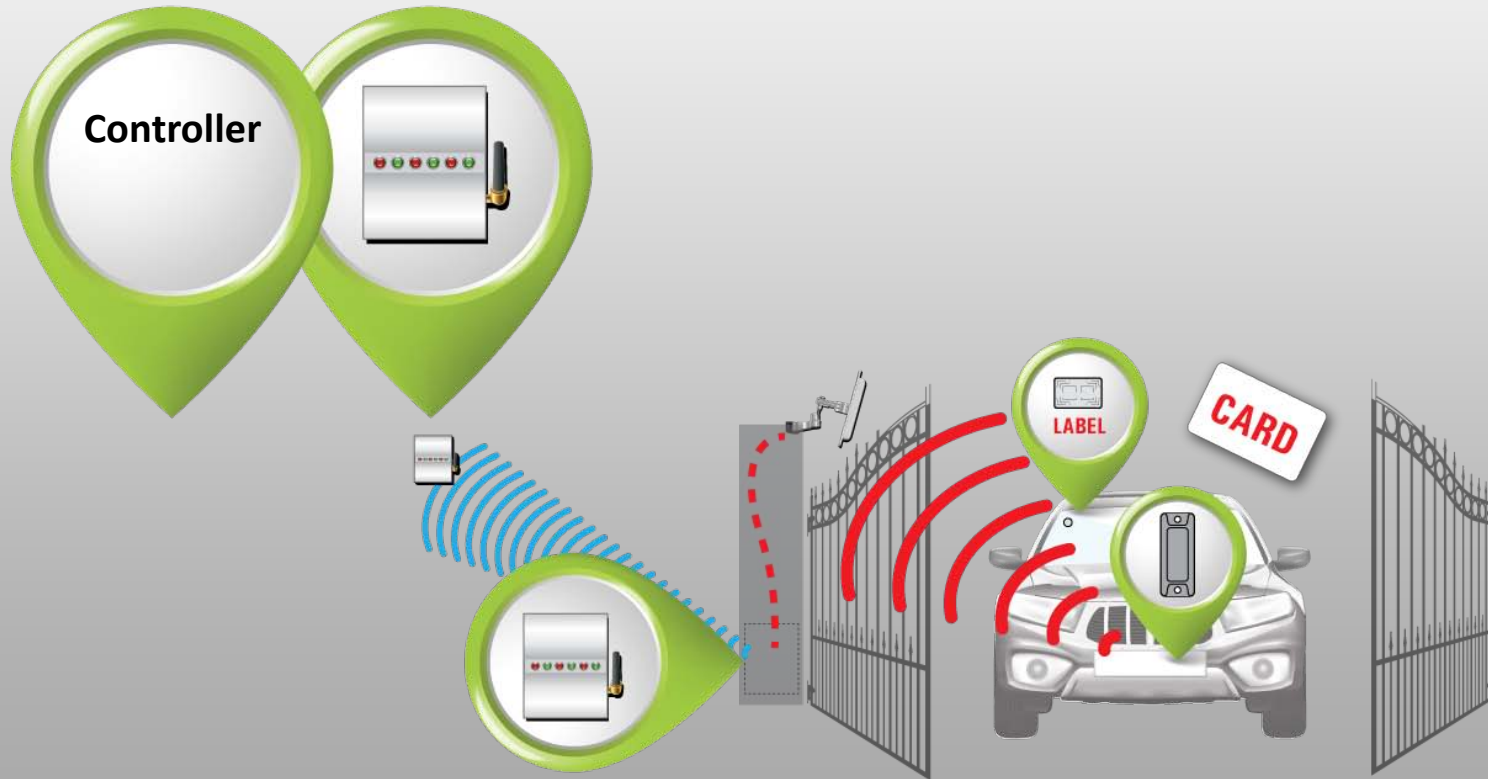AY-U900 UHF reader reads tag from vehicle

- AY-U900 UHF reader reads tag from vehicle

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AY-U900 Example (cont.)

AY-U900 with MD-W11 Wireless

- AY-U900 combined with MD-W11N/F wireless unit and an access controller (can work as networked or standalone)

ACCESS CONTROL

AY-L23 and SA-23

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AY-L23

Long-Range Proximity RF Reader

- Secured
  - Only registered people/vehicle are allowed access
  - Optical tamper
- Saves time – Opens the gate when you press the SA-23 remote control
- Flexible
  - Can be connected to any controller when used as a reader
  - Dual Wiegand outputs on a single device (1 device can control 2 doors)
  - Can be used as a controller, activating two outputs with the SA-23-B2

SA-23-B2/B4

Long-Range RF Remote Controls

- The SA-23 can open 2 doors with the same reader (In/Out)

- Range operation up to 70 meters (230 ft)

- Factory programmable multi-Wiegand format

- Can be used with the door interlock function of the controller

- Available in both G (433.92 MHz) and H (868.35 MHz) frequencies

SA-23-B2   SA-23-B4

AY-L23 and SA-23-B2/B4

Example

ACCESS CONTROL

License Plate Recognition

LPR

Introduction

The system automatically opens the gate by processing the license pre-registered cars

- Secured
    - Improves customer service
    - Allows monitoring and controlling of vehicle entry/exit
- Flexible
    - Increases productivity
    - Allows identification of license plates in different countries containing different types
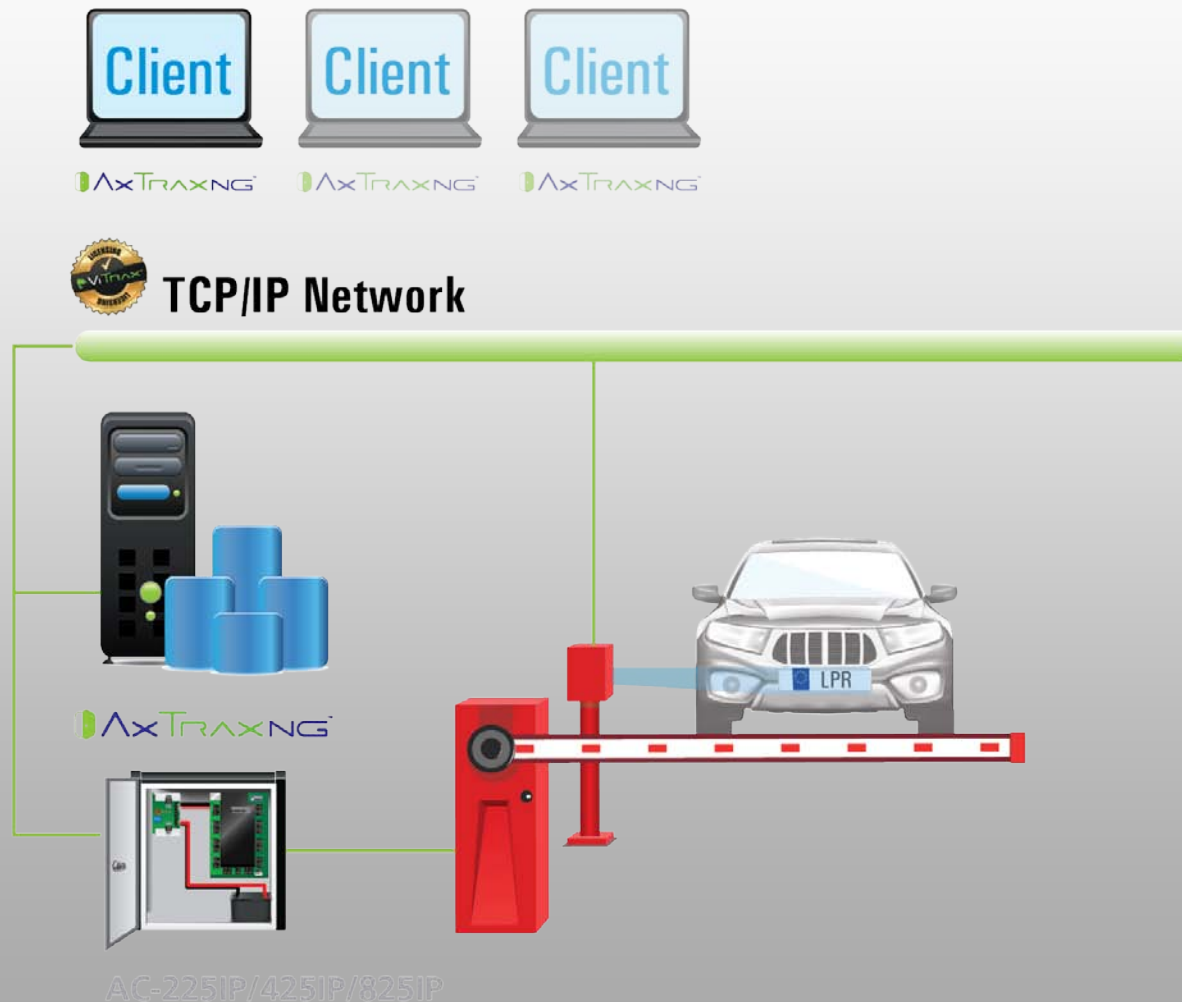
LPR

Main Features

- Recognition area adjustment to ease on system load

- Recognized license plates and snapshots are stored on the AxTraxNG database for easy viewing

- Unlimited number of cameras

LPR
Example*

Contact Us

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