

ROSSLARE

# Rosslare Secure Access Solutions

Global Product Catalog



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## About Rosslare Group

For over four decades, Rosslare has been delivering state of the art electronics, achieving R&D excellence with breakthroughs such as the first digital battery analyzer and all-weather anti-vandal RFID readers.

Today, Rosslare is not only part of a leading global group of companies but also home for top industry talent specializing in access control solutions drawn on our rich global presence and implementation experience. Our tailored solutions, backed by one of the most extensive off-the-shelf product portfolios on the market, will continue to play a role in bringing value, performance and productivity to our industry leading clients worldwide.



## Training & Support

Our global Technical Training and Support group provides pre-sales training and post-sales support services out of our Dallas, Europe, Buenos Aires, Mumbai facilities. The group takes pride in bringing a wealth of knowledge and expertise to your doorstep, with the explicit goal of helping you meet your technical challenges.

We provide both remote and in-house educational and support services, including on-site customer seminars, webinars, FAQ and live chat. Our professional teams of Engineers and Technicians are at your service 24/7, possessing all the technological skills and tools to help you and your customers succeed.



## ODM/OEM Services

Over the years, many of our market leading vendors have joined the growing family of Rosslare OEM/ODM service users, benefitting from our in-house capabilities coupled with unmatched service and support. ODM's can avoid the heavy direct labor, manufacturing and design costs, while enjoying highest quality, fully branded products. OEM's retain full control of design, while Rosslare handles all the manufacturing end to end.

## Associations & Certifications

Rosslare's manufacturing processes meet leading international standards and requirements, including TUV Rhineland accreditation, ROHS compliance, and ISO quality standards, as well as ISO 9001, ISO14001 and ISO13485. Flexibly designed to meet the needs of a demanding global market, our products are made to pass certification tests with distinction, including but not limited to CE, FCC, UL, EAC, NOM and RCM.

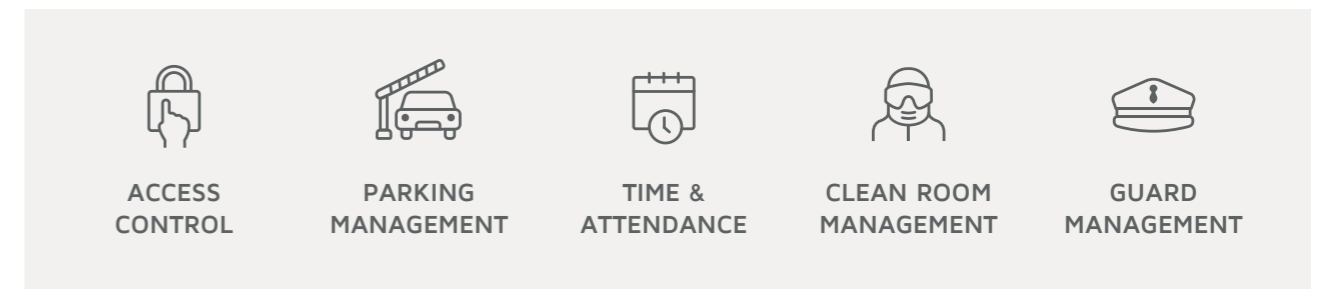


## Industries

Rosslare serves a wide range of markets and industries, including Education, Healthcare, Residential & Commercial Real Estate, Corporate, Finance and more.

## Applications

Our robust, field-proven software and hardware products are the foundation of our customers' organizational security, covering wide-ranging applications including Access Control, Parking Management, Time & Attendance, Clean Room Management and Guard Patrol.





AxTraxPro™ client-server management software enables setting automated physical access control policy across facilities, perfect for today's most demanding users and organizations. The system can manage thousands of Rosslare networked access controllers and users, providing enhanced security with excellent system scalability and performance.



AxTraxPro™  
Management Software

 AxTraxPro

### Mobile app & web clients

For on-going management of the on-premise AxTraxPro™ server. Operators can access the system from their web interface and mobile phones for daily tasks.

### Enhanced security

Communication is secured from the credential all the way to server using MIFARE DESFire, OSDP V2 Secure Channel, and AES-256 encryption algorithms. Session-based security for bullet proof access avoiding man in the middle or replay attacks.

### Lockdown

Lockdown groups & immunity configuration and management for monitoring and controlling access rights during emergency events.

### Video integration

Integrated with major NVR vendors, including Hikvision and Dahua, for event-based video pop-up and snapshot reports.

### Access control policies

Enhanced access control policies such as access groups, access level, interlock groups, Antipassback and more.

### Identity management

Manage user information, photo, and related access policies and credentials.

### Integrated biometrics

Integrated with Rosslare fingerprint and face Biometric devices to enable improved facility security.

### Up to 16 credentials per user

Supports Face-ID, Fingerprint, PIN-Codes, RFID cards, UHF Tags, NFC-ID, BLE-ID and LPR for vehicles.

### Alarm management and reporting

Generation of reports, Alarm management for operator workflow, and a Rules based Automations Engine

### Time and attendance

Built-in capability of generating attendance reports with pre-set formats, automatic and customized reports that can be exported and used by accounting systems.

### Car parking management

Integrated with 3rd party and Rosslare products for automated gate opening and touchless experience. Including UHF readers, license plate cameras, and mobile credentials, along with fundamental features related to parking occupancy management and control.

Next-level security and effortless management with AxTraxPro integrated solutions.

Our integrated platform leveraging automate access policies, manage users across multiple sites, and gain centralized control – all from a unified user friendly interface.

### Video integration

Milestone XProtect Access Control Plugging for seamless access control event management on XProtect platform.

Hikvision and Dahua VMS integrations, for event-based video pop-up and snapshot reports.

### Integrated biometrics

Integrated with Rosslare and third-party fingerprint and face Biometric devices to enable improved facility security. Simple to use and encrypted automatic template distribution makes it ideal for large scale network deployments.

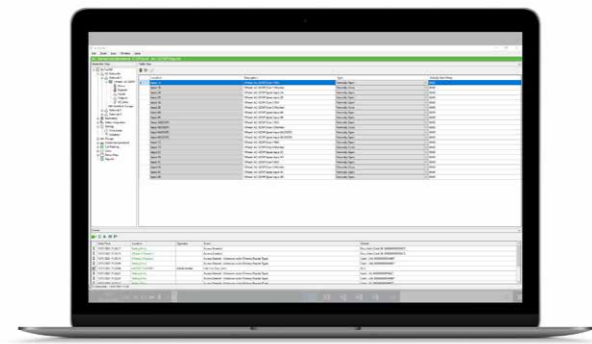
Hikvision MinMoe face and fingerprint Terminals...

Idemia Match on card or Fsecure finger print over DESFire (SIGMA line).

### Elevator destination control system

The integrated elevator system improves security and people flow. It allows access restriction based on organization and building policies, people flow and human traffic become smooth and easy to manage.

AxTraxPro seamlessly integrates with KONE Destination Control utilizing both KONE Connectivity Suite (API 500) and API 1000.



## AxTraxNG™ Management Software



### Video integration

Integrated with major NVR vendors, including Hikvision and Dahua, for event-based video pop-up and snapshot reports.

### Integrated biometrics

Integrated with Rosslare fingerprint and face Biometric devices to enable improved facility security.

### Access control policies

Enhanced access control policies such as access groups, interlock groups, Antipassback and more.

### Identity management

Managing user information, photo, access credentials and related access policies, using new secure login process with dual-factor authentication dialog.

### Up to 16 credentials per user

Supports Face-ID, Fingerprint, PIN-Codes, RFID cards, UHF Tags, NFC-ID, BLE-ID, and LPR for vehicles.

### Alarm management and reporting

Alarm management workflow across devices and smart links automations, email notifications and reports module.

### Software security

Client-server security mechanism including AES 128-bit encryption of database and client communications for a privacy compliant system.

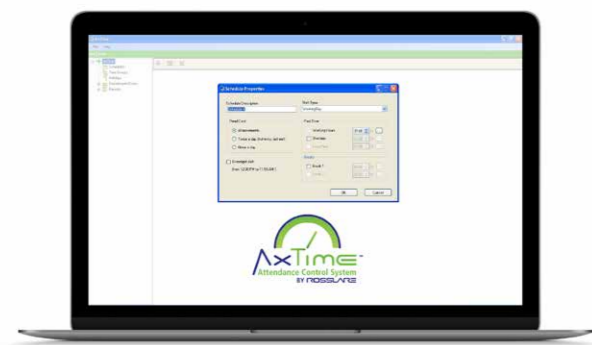
### Time and attendance

Built-in capability of generating attendance reports with pre-set formats, automatic and customized reports.

### Car parking management

Enhanced by Rosslare long range readers, along with fundamental features related to parking occupancy management and control of multitenant environments.

## AxTime™ Time & Attendance Client for AxTraxNG™



- Produces reports from acquired data, such as usage reports, attendance records, visitors, and roll calls
- Password controlled for high level of security, uses the same permission rights of defined operator as AxTraxNG
- User-friendly software with intuitive GUI helps reduce the complexity of installation
- Supports overnight shifts

## AxTraxPro™ Management Software – System Software Application & Licenses

Part Number	Description
<b>AxTraxPro™ - PC Client/Server Management Software for Professional Networked Controllers</b>	
<b>AX-PRO-BASIC</b>	The Basic Package is active upon installation of AxTraxPro™ and does not require a license. The number of Access Points in the Basic Package is limited to 6 and one web-client. The Basic Package only supports license expansions for video integration, it does not support the use of Access Point expansion modules, web client expansion modules, and biometric integrations licenses.
<b>AX-PRO-STANDARD</b>	The Standard Package features can be enabled upon purchase and activation of this Standard Package License. The number of Access Points in the Standard Package is limited to 12 and one web-client. The Standard Package also supports the use of other AxTraxPro™ License such as Access Point expansion modules, web client expansion modules, video, and biometric integrations.
<b>AxTraxPro™ - Add on modules for additional Access Points. (Standard Package Only)</b>	
<b>AX-PRO-AP-002</b>	Add on module for 2 Access Points
<b>AX-PRO-AP-004</b>	Add on module for 4 Access Points
<b>AX-PRO-AP-008</b>	Add on module for 8 Access Points
<b>AX-PRO-AP-016</b>	Add on module for 16 Access Points
<b>AX-PRO-AP-032</b>	Add on module for 32 Access Points
<b>AX-PRO-AP-064</b>	Add on module for 64 Access Points
<b>AX-PRO-AP-128</b>	Add on module for 128 Access Points
<b>AX-PRO-AP-256</b>	Add on module for 256 Access Points
<b>AX-PRO-AP-512</b>	Add on module for 512 Access Points
<b>AxTraxPro™ - Additional web client local operators. (Standard Package Only)</b>	
<b>AX-PRO-WEB-04</b>	Additional 4 web client local operators
<b>AX-PRO-WEB-08</b>	Additional 8 web client local operators
<b>AX-PRO-WEB-16</b>	Additional 16 web client local operators
<b>AX-PRO-WEB-32</b>	Additional 32 web client local operators

## AxTraxPro™ Video Integration Licenses

Part Number	Description
<b>AxTraxPro™ with Hikvision Video Integration License</b>	
<b>AX-PRO-VIDEO-HIK-L1</b>	Level 1: 2 cameras/channels, 1 DVR / NVR
<b>AX-PRO-VIDEO-HIK-L2</b>	Level 2: 4 cameras/channels, 2 DVR / NVR
<b>AX-PRO-VIDEO-HIK-L3</b>	Level 3: 9 cameras/channels, 4 DVR / NVR
<b>AX-PRO-VIDEO-HIK-L4</b>	Level 4: 16 cameras/channels, 8 DVR / NVR
<b>AX-PRO-VIDEO-HIK-L5</b>	Level 5: Unlimited cameras/channels, 12 DVR / NVR
<b>AxTraxPro™ with Dahua Video Integration License</b>	
<b>AX-PRO-VIDEO-DAH-L1</b>	Level 1: 2 cameras/channels, 1 DVR / NVR
<b>AX-PRO-VIDEO-DAH-L2</b>	Level 2: 4 cameras/channels, 2 DVR / NVR
<b>AX-PRO-VIDEO-DAH-L3</b>	Level 3: 9 cameras/channels, 4 DVR / NVR
<b>AX-PRO-VIDEO-DAH-L4</b>	Level 4: 16 cameras/channels, 8 DVR / NVR
<b>AX-PRO-VIDEO-DAH-L5</b>	Level 5: Unlimited cameras/channels, 12 DVR / NVR

## AxTraxPro™ Biometric Integration Licenses

Part Number	Description
AX-PRO-BIO-HIK	AxTraxPro™ - License for Hikvision MinMoe Biometric terminals (Standard Package Only)
AX-PRO-BIO-IMC	AxTraxPro™ - License for Idemia Morpho match on card Biometric terminals
AX-PRO-BIO-IDM	License for Idemia ??xxxx?? Biometric terminals

## AxTraxPro™ VMS Integration Licenses

Part Number	Description
AX-PRO-VMS-MLS	AxTraxPro™ - License for Milestone Xprotect

## AxTraxPro™ Elevator Integration Licenses

Part Number	Description
AX-PRO-ELV-K5H	AxTraxPro™ - License for KONE Connectivity Suite API 500
AX-PRO-ELV-K1T	AxTraxPro™ - License for KONE Connectivity Suite API 1000

## AxTraxPro™ VMS Integration Licenses

Part Number	Description
AX-PRO-INC-BIP	AxTraxPro™ - License for BASIP xxxxx

## AxTraxNG™ Licenses

Part Number	Description
<b>AxTraxNG™ - PC Client/Server Management Software for Professional Networked Controllers</b>	
AX-NG-L0	Level 0: 1 to 256 readers
AX-NG-L1	Level 1: 257 to 1024 readers
AX-NG-L2	Level 2: 1025 to 2048 readers
AX-NG-L3	Level 3: Over 2048 readers
<b>AxTraxNG™ with Hikvision Video Integration License</b>	
AX-HIK-L1	Level 1: 2 cameras/channels, 1 DVR / NVR
AX-HIK-L2	Level 2: 4 cameras/channels, 2 DVR / NVR
AX-HIK-L3	Level 3: 9 cameras/channels, 4 DVR / NVR
AX-HIK-L4	Level 4: 16 cameras/channels, 8 DVR / NVR
AX-HIK-L5	Level 5: Unlimited cameras/channels, 12 DVR / NVR
<b>AxTraxNG™ with Dahua Video Integration License</b>	
AX-DAH-L1	Level 1: 2 cameras/channels, 1 DVR / NVR
AX-DAH-L2	Level 2: 4 cameras/channels, 2 DVR / NVR
AX-DAH-L3	Level 3: 9 cameras/channels, 4 DVR / NVR
AX-DAH-L4	Level 4: 16 cameras/channels, 8 DVR / NVR
AX-DAH-L5	Level 5: Unlimited cameras/channels, 12 DVR / NVR
<b>AxTime™ Time &amp; Attendance PC Software Application for AxTraxNG™</b>	
XXXXXXXXXX	XXXXXXXXXXXXXX

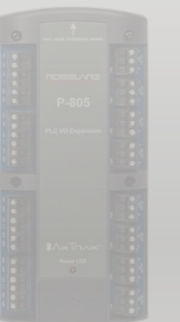
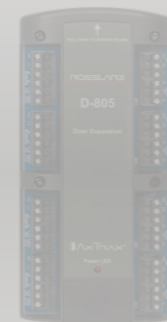
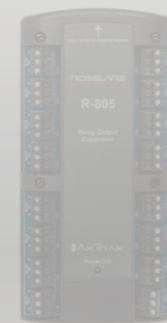


### Rosslare AxTraxPro™ Mobile App

Available for iOS and Android



# Controllers



# Controllers

## Networked Control Panels

Networked Control Panels are Rosslare's most advanced and secure access solutions, featuring 2, 4 and 6 reader models with a variety of expansions. Supporting online and offline operation, they easily scale up to multiple remote premises.

Standalone Controllers were designed for ease of installation, providing highly secure professional performance available in a variety of forms and configurations, including anti-vandal, all weather and tampering protection.

For small applications, our Entry-level Controllers can be locally configured and operated without a server, allowing single and dual door operation of up to 8 doors.



### AC-825IP

Advanced Scalable Networked Access Platform

- Supports up to 6 doors (4 Wiegand and 2 OSDP V2 Secure Channel readers / 6 OSDP V2 Secure Channel readers)
- Expandable to 56 doors

### KEY FEATURES

- Scalable and flexible – fits a wide range of applications
- Supports up to 100,000 users in off-line mode, unlimited server based capacity
- Onboard TCP/IP networking with AES 128-bit/256-bit data encryption to an AxTraxNG/AxTraxPro server and SNMP V3 support
- 500,000 entries event history per controller
- One onboard expansion slot and supports up to 12 additional expansion boards via OSDP V2 secure channel bus
- Optional ME-1515 Secure Power Management Enclosure with illumination bar, tamper sensing, power status LED, and lockable C14 power plug

### Expansion Boards



#### R-805

16 outputs



#### D-805

4-reader expansion



#### S-805

16 supervised inputs



#### P-805

16 supervised inputs and 8 outputs

Expand the range and functionality of the AC-825IP with a series of expansion boards, featuring OSDP V2 secure communication protocol and DIN rail or enclosure mounting options

# Controllers

## Networked Control Panels



### AC-215-B/215IP-B

Scalable Networked Controller

- Supports up to 2 doors
- Supports 2 readers



### AC-225-B/225IP-B

Expandable Networked Access Controller

- Supports up to 2 doors
- Supports 2 readers
- Expandable to 4 doors using MD-D02B



### AC-425-B/425IP-B

Expandable Networked Access Controller

- Supports up to 4 doors
- Supports 4 readers
- Expandable to 8 doors using MD-D04B

### KEY FEATURES

- Supports up to 30,000 users in off-line mode, unlimited server based capacity
- 20,000 event history entries per controller
- Multi-user authentication for high-level security
- Supports a wide range of Wiegand and PIN formats
- Optional ME-1015 Secure Power Management Enclosure with illumination bar, tamper sensing, power status LED, and lockable C14 power plug

### Expansion Boards



#### MD-D02B

Optional On-board Expansion for AC-225-B

- 2 reader expansions



#### MD-D04B

Optional On-board Expansion for AC-425-B

- 4 reader expansions



#### MD-IO84B

Optional Expansion for AC-225-B, AC-425-B

- 8 inputs, 4 outputs

# Controllers

## Networked Control Panels

### Enclosures



#### ME-1015

Secure Power Management Enclosure for the AC-215/225/425/IP-B



#### ME-1515

Secure Power Management Enclosure for the AC-825IP board or two R/S/D/P-805 expansions

#### ME-1015

##### KEY FEATURES

- Global input voltage – 100 VAC to 240 VAC 50/60Hz auto select
- Rosslare provides versions with C14 power plugs for any country
- Delivers two isolated 13.8 VDC @ 2A outputs with PTC resettable fuse and LED indications (4 A total)
- Built-in power supply and UPS event generation to the control panels and AxTrax server
- Built-in Rosslare LightBar™ for lighting the way during maintenance and installation
- Full system hinge and key lock unit (including 2 keys)
- Thick high-quality oven baked black matte coating
- Easy to understand connections scheme on the inside of enclosure door
- Rosslare PowerLock™ C13 socket – power cable pulling protection by a special locking mechanism

#### ME-1515

##### KEY FEATURES

- Power module delivers isolated 13.8 VDC power @ 2 Amp output channels with PTC resettable fuse and LED indications
- Built-in power event generation to let the control panels receive power supply and UPS events
- Built-in Rosslare LightBar™ for lighting the way during maintenance and installation
- Full system hinge and key lock unit (including 2 keys)
- Thick high-quality oven baked black matte coating
- Easy to understand connections scheme on the inside of enclosure door
- Rosslare PowerLock™ C13 socket – power cable pulling protection by a special locking mechanism
- Can be supplied with various C14 power plugs per country requirements
- Supplied with removable terminal blocks and special key for ease of installation

# Controllers

## Entry-Level



#### AC-115

Compact Networked Single Door Controller

- 2 Wiegand 26-bit readers
- 3 programmable modes
- Built-in speaker for alarm notifications

#### AC-115

##### KEY FEATURES

- Supports 2 Wiegand 26-bit readers (In/Out)
- 3 programmable modes: Normal, Bypass, Secure
- 2400 users and up to 2000 events
- Supports setup, monitoring and DB management
- Time & Attendance with 8 programmable time zones and 24 holidays with reporting capabilities
- Networking: Up to 8 panels (8 doors) over RS-485 network
- Sounder and speaker for chime, door bell, and alarm event notifications
- 2 outputs: 5 A lock relay, 1 A auxiliary
- Supported by Lite management SW AS-115

Note: The keypad on the controller is for programming purposes only.

# Controllers

Standalone



## AC-Q41HB/SB

Anti-Vandal Backlit PIN & Heater Standalone Controller



## AC-Q42HB/SB

Anti-Vandal Backlit PIN & Proximity Standalone Controller



## AC-Q44

Anti-Vandal Piezo PIN & Prox Standalone Controller

### KEY FEATURES

- Standalone anti-vandal controller with 500 dual-code users memory
- 2 tri-colored LED indicators
- 3 user levels and 3 operation modes
- Optical case and back tamper protection
- Piezoelectric (selected models)
- Programmable blue backlit keypad (selected models)



## AC-T43

Anti-Vandal Piezoelectric PIN Standalone Controller



## AC-S43

Anti-Vandal Piezoelectric PIN Standalone Controller

# Controllers

Standalone



## AC-F43

Outdoor Backlit PIN Standalone Controller



## AC-F44

Outdoor Backlit PIN & PROX Standalone Controller



## AC-G43

Outdoor Mullion Backlit PIN Standalone Controller



## AC-G44

Outdoor Mullion Backlit PIN & Proximity Standalone Controller

### KEY FEATURES

- 500 dual-code users
- 2 x 2 A relays
- 2 inputs with user programmable logic
- 2 tri-colored LED indicators
- 3 user levels and 3 operation modes
- Optical case and back tamper protection
- Fully-potted, meets IP65
- Lockout feature on wrong entries (keypad/ card tamper)
- Bell, chime, siren, and strobe features available with BL-D40
- Antimicrobial technology reduces level of microbes on reader by up to 99.9%



## AC-D32

Indoor PIN / 125 kHz Proximity & PIN Standalone Controller

### KEY FEATURES

- 3 user levels and 3 operation modes
- 2 tri-colored LED and buzzer indicators
- Bell, chime, siren, and strobe features available with BL-D40
- Case tamper
- 3.5 A lock relay, input for REX button

# Controllers

## Technical Specifications

### Networked Control Panels

Product	Type	Readers	Inputs/outputs	Interface	Max readers	Users	Event log	Operating Voltage (VDC)	Weight
AC-825IP*	Panel	6	12/6	TCPIP/OSDP V2/WIEGAND/RS485	56	100K	500K	12	400 g (14.1 oz)
AC-215IPB	Panel	2	4/4	TCPIP/WIEGAND/RS485	2	30K	20K	12	0.36 kg (12.7 oz)
AC-225B/IPB	Panel	2	4/4	TCPIP/WIEGAND/RS485	4	30K	20K	12	0.36 kg (12.7 oz)
AC-425B/IPB	Panel	4	4/4	TCPIP/WIEGAND/RS485	8	30K	20K	12	0.36 kg (12.7 oz)
MD-D02B	Expansion	2	4/4		2			12	98.2 g (0.21 lb)
MD-D04B	Expansion	4	4/4		4			12	98.2 g (0.21 lb)
MD-I084B	Expansion		8/4					12	98.2 g (0.21 lb)
R-805	Expansion		0/16	RS485, OSDP V2				12	230 g (8.1 oz)
S-805	Expansion		16/0	RS485, OSDP V2				12	150 g (5.3 oz)
D-805	Expansion	4	8/4	RS485, OSDP V2	4			12	150 g (5.3 oz)
P-805	Expansion		16/8	RS485, OSDP V2				12	200 g (7.1 oz)
ME-1515	Enclosure								4.6 kg (10.1 lb)
ME-1015	Enclosure								3.4 kg (7.5 lb)

\* Encryption: AES 128-bit with AxTraxNG™, AES 256-bit with AxTraxPro™

### Small Access Controllers

Product	Frequency	Technology	Interface	Read Distance	Standalone 500 users	Tamper Output (Open collector)	IP Rating	Operating Voltage (VDC)	Weight
AC-115			RS-485		2400*	✓		12-24	220 g (0.5 lb)
AC-Q41HB		PIN	Auxiliary		✓	✓	IP54	12-24	440 g (1.0 lb)
AC-Q41SB		PIN	Auxiliary		✓	✓	IP65	12-24	521 g (1.2 lb)
AC-Q42HB	125 kHz	PIN, Prox	Auxiliary	65 mm (2.5 in.)	✓	✓	IP54	12-24	440 g (1.0 lb)
AC-Q42SB	125 kHz	PIN, Prox	Auxiliary	65 mm (2.5 in.)	✓	✓	IP65	12-24	521 g (1.2 lb)
AC-Q44	125 kHz	PIN, Prox	Auxiliary	65 mm (2.5 in.)	✓	✓	IP65	12-24	521 g (1.2 lb)
AC-S43		PIN	Auxiliary		✓	✓	IP65	12-24	413 g (14.6 oz)
AC-T43		PIN	Auxiliary		✓	✓	IP65	12-24	388 g (13.7 oz)
AC-G43		PIN	Auxiliary		✓	✓	IP65	12-24	178 g (6.3 oz)
AC-G44	125 kHz	PIN, Prox	Auxiliary	80 mm (3.2 in.)	✓	✓	IP65	12-24	178 g (6.3 oz)
AC-F43		PIN	Auxiliary		✓	✓	IP65	12-24	244 g (8.6 oz)
AC-F44	125 kHz	PIN, Prox	Auxiliary	75 mm (3.0 in.)	✓	✓	IP65	12-24	244 g (8.6 oz)
AC-D32	125 kHz	PIN, Prox	Wiegand	90 mm (3.5 in.)	✓	✓		12-16	115 g (4.1 oz)

\*Requires external reader



# Readers

Multi Technology

Multi-Smart™

Rosslare readers are known for their reliability, high performance and attractive design. Placed in protected or unprotected areas, readers deliver credentials to the controller located at a secure location. With a broad selection to choose from, our readers are designed to fit the current and future architectural, technical and environmental needs of any organization.



**AY-K35**  
Multi-Smart™ Reader with multiple technologies support

- KEY FEATURES**
- Supports CSN credentials types including 125 kHz (FSK & ASK), wide range of 13.56 MHz standards including MIFARE® Classic EV1 Sector Read, and Bluetooth® and NFC
  - Supports OSDP V2 including secure channel using AES 128 bit encryption for improved security with an extended range, up to 32 addresses
  - Fully programmable using Rosslare BLE-Admin app
  - Touch button for different functions
  - Antimicrobial technology reduces level of microbes on reader by up to 99.8%
  - IP68 all weather resistant
  - K09 vandal resistant

# Readers

Multi Technology

13.56 MHz – CSN SMART™



**AY-H6255BT**  
CSN SMART™ Smart Card Reader with NFC and BLE-ID™

- KEY FEATURES**
- Supports Rosslare BLE-ID and reads most 13.56 MHz contactless credentials
  - Configurable using BLE-Admin mobile app
  - Eight keypad transmission formats are available
  - Addressable OSDP connectivity, up to 32 addresses using DIP switches
  - Optional desktop reader enrollment station DR-U955BT



**AY-H6355BT**  
CSN SMART™ Smart Card Reader with Keypad, NFC and BLE-ID™

# Readers

Multi Technology

13.56 MHz – CSN SELECT™



**AY-M6255**  
Smart Card Reader



**AY-K6255**  
Smart Card Reader



**AY-H6255**  
Smart Card Reader



**AY-L6255**  
Smart Card Reader



**AY-Q6255**  
Smart Card Anti-Vandal Reader

## KEY FEATURES

- Reads most 13.56 MHz contactless credentials CSN
- NFC-ID support using Rosslares BLE-ID mobile app
- Supports OSDP V2 including secure channel using AES 128 bit encryption for improved security with an extended range, up to 32 addresses
- MIFARE Classic sector reading support
- Fully configurable using configuration card (requires CS-CCT Configuration Card Tool)
- IP68 all weather resistant
- IK08 vandal resistant

# Readers

Multi Technology

13.56 MHz – CSN SELECT™



**AYC-M6355**  
Convertible Smart Card Reader with Keypad



**AYC-Q6355**  
Convertible Anti vandal Smart Card Reader with Keypad



**AYC-H6355**  
Convertible Smart Card Reader with Keypad



**DR-6255**  
Configuration Card Programmer and 13.56 MHz Smartcard CSN Desktop Enrollment Reader

## KEY FEATURES

- Reads most 13.56 MHz contactless credentials CSN
- NFC-ID support using Rosslares BLE-ID mobile app
- Supports OSDP V2 including secure channel using AES 128 bit encryption for improved security with an extended range, up to 32 addresses
- MIFARE Classic sector reading support
- Fully configurable using configuration card (requires CS-CCT Configuration Card Tool)
- IP68 all weather resistant
- IK08 vandal resistant

## DR-6255

### KEY FEATURES

- Compatible with Rosslare AxTrax management system
- USB connectivity to PC
- Bi-colored LED for status notification
- Configuration card programmer
- Supported credentials: 13.56 MHz Smartcard CSN (ISO14443A/B, ISO15693, ISO18092 and more)

# Readers

Multi Technology

UHF Long Range



## AY-U915BT

Long range UHF



## AY-U920BT

Extended long-range UHF

### AY-U915BT/ AY-U920BT

#### KEY FEATURES

- AY-U920BT Read range up to 12 m (39 ft) – UHF and Bluetooth
- AY-U915BT Read range up to 12 m (39 ft) – Bluetooth, and 6 m (19 ft) – UHF
- Supports UHF-RFID and BLE-ID™ (Android and iOS) credentials
- Single and multi-credential modes
- Supports OSDP V2 including secure channel using AES 128 bit encryption for improved security with an extended range, up to 32 addresses
- Built from robust materials, supports IP65 rating
- Readers and credentials can be factory-customized to allow only recognized credentials to pass to the controller
- Rosslare BLE-Admin™ mobile application for fast deployment, simple configuration of LED and buzzer behaviour, Wiegand format, OSDP address, secure channel key, firmware upgrade over the air
- IP68 all weather resistant
- IK08 vandal resistant



## DR-U955BT

Multi-technology Desktop Enrollment Reader with Bluetooth support

### DR-U955BT

#### KEY FEATURES

- Compatible with Rosslare AxTrax management system
- USB connectivity to PC
- Bi-colored LED for status notification
- Supported credentials: 13.56 MHz Smartcard CSN, Rosslare BLE-ID™ and UHF RFID

# Readers

Multi Technology

RF Long Range



## AY-L23

Extra Long-Range RF Reader

### AY-L23

#### KEY FEATURES

- Can operate as a standalone controller (with external relay)
- Optical back tamper
- Read range of 70 m (229.6 ft.)
- Two different Wiegand output formats
- Note: Does not read RFID cards



## SA-23-B2

2-Channel Transmitter for AY-L23 Reader

### SA-23-B2

#### KEY FEATURES

- In Standalone mode, each button on the SA-23-B2 can be registered to activate different outputs in the AY-L23



## SA-23-B4

4-Channel Transmitter for AY-L23 Reader

### SA-23-B4

#### KEY FEATURES

- Each button is programmed to output a different Wiegand ID for flexible and advanced access control operation

# Readers

Single Technology

13.56 MHz – Open to Secure® – O2S®



**AY-H6270B/  
AY-H6280B**

MIFARE® Classic and  
MIFARE Plus®/DESFire®  
EV1 Reader



**AY-H6370B/  
AY-H6380B**

MIFARE® Classic and  
MIFARE Plus®/DESFire®  
EV1 Reader with Keypad



**AY-G6270B/  
AY-G6280B**

MIFARE® Classic and  
MIFARE Plus®/DESFire®  
EV1 Reader



**AY-G6370B/  
AY-G6380B**

MIFARE® Classic and  
MIFARE Plus®/DESFire®  
EV1 Reader with Keypad

## KEY FEATURES

- The platform enables to choose between open Mifare Desfire key management and factory pre-programmed O2S key management platform
- User friendly tools to configure desfire readers and program user cards
- Supported by CP-R27 programmer and AS-B01 software for user and configuration card creation
- High security with AES 128-bit, compatible with MIFARE Classic EV1, MIFARE Plus, MIFARE DESFire EV1
- Supports OSDP V2 including secure channel using AES 128 bit encryption for improved security with an extended range, up to 32 addresses
- Tri-colored LED operation and buzzer
- Antimicrobial technology reduces level of microbes on reader by up to 99.9%
- IP68 all weather resistant
- IK08 vandal resistant

# Readers

Single Technology

13.56 MHz – Open to Secure® – O2S®



**CP-R27**

DESFire EV1 /  
MIFARE Classic EV1  
Desktop Programmer



**AS-B01**

Configuration Tool



**DR-6280**

MIFARE® CLASSIC  
and DESFire EV1  
Desktop Enrollment  
Reader

## CP-R27

### KEY FEATURES

- Compatible with the AS-B01 configuration tool
- USB connectivity to PC
- Configuration and users card programmer
- Contactless smart card and desktop programmer to read/write 13.56 MHz technology, including, MIFARE® and DESFire® EV1. It is compliant with ISO14443A.

## AS-B01

### KEY FEATURES

- Software application for programming configuration and user cards for Rosslare DESFire O2S series readers

## DR-6280

### KEY FEATURES

- Compatible with Rosslare AxTrax management system
- USB connectivity to PC
- Bi-colored LED for status notification
- Supported credentials: MIFARE Classic EV1 and MIFARE DESFire EV1
- Can be easily configure to open key using a configuration card.

# Readers

Single Technology

13.56 MHz – MIFARE® Classic CSN



## AY-M5B

MIFARE Classic® EV1  
Contactless Smart Card  
Reader



## AY-H5B

MIFARE Classic® EV1  
Contactless Smart Card  
Reader



## AY-L5B

MIFARE Classic® EV1  
Contactless Smart Card  
Mullion Reader



## AY-K5B

MIFARE Classic® EV1  
Contactless Smart Card  
Micro-Mullion Reader

### KEY FEATURES

- 13.56 MHz MIFARE® CLASSIC EV1
- Wiegand 26-bit to 40-bit
- For indoor installation

# Readers

Single Technology

13.56 MHz – MIFARE® Classic CSN



## AY-M25B

MIFARE® Classic  
Contactless Smart Card  
Reader



## AY-H25B

MIFARE® Classic  
Contactless Smart Card  
Reader



## AY-L25B

MIFARE® Classic  
Contactless Smart Card  
Mullion Reader



## AY-K25B

MIFARE® Classic  
Contactless Smart Card  
Micro-Mullion Reader

### KEY FEATURES

- 13.56 MHz MIFARE® CLASSIC EV1
- Wiegand 26-bit to 40-bit
- For outdoor installation



## AY-T6350

Touch Keypad Reader  
with RFID

### AY-T6350

#### KEY FEATURES

- 13.56 MHz MIFARE RFID
- Wiegand 26-bit to 54-bit
- IP68 – a fully potted housing with top cover for all weather applications

# Readers

Single Technology

125 kHz – PROX and goPROX®



**AY-K12C**  
Micro-Mullion  
Proximity Reader



**AY-L12C**  
Mullion Proximity  
Reader



**AY-H12C**  
Proximity Reader



**AY-M12C**  
Proximity Reader



**AY-Q12C**  
Anti-Vandal  
Proximity Reader

## KEY FEATURES

- Reads 125 kHz RFID
- Wiegand 26-bit, Clock & Data, RS-232 (other Wiegand formats available per request)
- Tri-colored LED
- 2 x LED color control inputs
- Hold control input

# Readers

Single Technology

125 kHz – PROX and goPROX®



**AYC-G60**  
Mullion goPROX® & PIN  
Convertible Reader/  
Controller  
**GO PROX**  
BY ROSSLARE



**AYC-G64**  
Mullion PIN Convertible  
Reader/Controller



**AYC-F60**  
goPROX® & PIN  
Convertible Reader/  
Controller  
**GO PROX**  
BY ROSSLARE



**AYC-F64**  
PIN Convertible Reader/  
Controller

## KEY FEATURES

- Convertible to standalone controller using PS-C25TB Power Management Enclosure or the MD-25TB Secure Relay I/O Module
- Reads 125 kHz ASK and FSK (AYC-G60, AYC-F60)
- Multi-format keypad
- Programmable patented backlit keypad
- The AYC-G64, AYC-F64 and AYC-F60 include Rosslare Antimicrobial technology that reduces the level of microbes on reader by up to 99.9%

# Readers

Single Technology

125 kHz – PROX and goPROX®



**AY-M2B**  
EM Contactless Reader



**AY-H2B**  
EM Contactless Reader



**AY-L2B**  
EM Contactless Reader



**AY-K2B**  
EM Contactless Reader

## KEY FEATURES

- 125 kHz EM Compatible
- Wiegand 26-bit
- For indoor installation

# Readers

Single Technology

125 kHz – PROX and goPROX®



**AYC-E65B/BG/BB**  
Convertible Ultra-Slim PIN/Proximity Reader/Controller



**AYC-E60N/B**  
Convertible Ultra-Slim Mullion goPROX® & PIN Reader



GO PROX  
BY ROSSLATE



**AYC-T65N/B**  
Convertible Ultra-Slim Proximity & PIN Reader



AYC-E65B / AYC-E60 / AYC-T65

## KEY FEATURES

- Ultra-slim flush mount design
- Built-in piezoelectric keypad for PIN code entry
- Programmable patented blue backlit keypad
- Reads 125 kHz ASK and FSK (AYC-E60)



**AYC-Q64B**  
Convertible Anti-Vandal Proximity & PIN Reader/Controller



**AYC-Q60**  
Convertible Anti-Vandal Backlit goPROX® & PIN Reader

GO PROX  
BY ROSSLATE

AYC-Q64B / AYC-Q60

## KEY FEATURES

- Convertible to standalone controller using PS-C25TB Power Management Enclosure or the MD-25TB Secure Relay I/O Module
- Programmable patented blue backlit keypad on selected models
- Reads 125 kHz ASK and FSK (AYC-Q60)

# Readers

Single Technology

125 kHz – PROX and goPROX®



**AY-Z12A**  
Long-Range Proximity Reader

- AY-Z12A**  
**KEY FEATURES**
- Long range RFID transmission
  - Wiegand 26-bit and clock and data
  - Bi-colored LED and buzzer indicators



**MD-12C/W**  
OEM Proximity Reader Modules

- MD-12C/W**  
**KEY FEATURES**
- 125 kHz ASK, EM RFID Proximity Reader Module
  - Read range of 5 cm (2 in.)
  - Input voltage: 5 VDC
  - Tiny footprint – 22 mm (0.43 in.) in diameter
  - Available in Wiegand 26-bit (MD-12W) and Rosslare format Clock & Data (MD-12C)



**DR-12C**  
EM and Temic Card Desktop Enrollment Reader

- DR-12C**  
**KEY FEATURES**
- Compatible with Rosslare AxTrax management system
  - USB connectivity to PC
  - Bi-colored LED for status notification
  - Supported credentials: EM, TEMIC cards
  - 125kHz FSK and ASK

# Readers

Single Technology

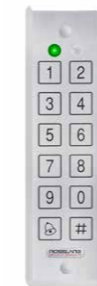
PIN Code



**AYC-G54**  
Convertible Backlit PIN Reader/Controller



**AYC-F54**  
Convertible Backlit PIN Reader/Controller



**AYC-E55**  
Ultra-Slim Piezo PIN Reader/Controller



**AYC-Q54B**  
Convertible Anti-Vandal Backlit PIN Reader/Controller



**AY-D09M**  
Indoor Multi-Format PIN Reader

## KEY FEATURES

- Sophisticated PIN convertible reader / controller (selected models)
- Supports 4-to-8-digit PIN credentials
- Outputs common PIN formats
- Smooth, attractive design, with all-weather indoor and outdoor operation
- 2 tri-colored LEDs and an integral sounder for programming and operation
- User friendly menu, based on large visible keypad, LED and sounder indicators
- Convertible to standalone controller using PS-C25TB Power Management Enclosure or the MD-25TB Secure Relay I/O Module (selected models)
- Buzzer indicator
- Back Optical tamper detection output
- The AYC-G54 and AYC-F54 include Rosslare Antimicrobial technology that reduces the level of microbes on reader by up to 99.9%

\*Features vary per model

### Multi-Smart™

Product	Frequency	Technology	Interface	Read Distance	Tamper Output (Open collector)	IP Rating	IK Rating	Operating Voltage (VDC)	Weight
AY-K35*	BLE + 13.56 MHz + 125 kHz	BLUETOOTH + MIFARE, MIFARE SECTOR, DESFIRE, NFC, Iclass (CSN) Prox ASK and FSK	Wiegand, OSDP V2, C&D	BLE - 12M / MIFARE - 5 cm / EM - 8 cm	20mA	IP68	IK09	8.5-16	121 g (4.27 oz)

### CSN SMART™ & CSN SELECT™

Product	Frequency	Technology	Interface	Read Distance	Convertible Standalone 500 users	Encryption	Tamper Output (Open collector)	IP Rating	IK Rating	Operating Voltage (VDC)	Weight
CSN SMART											
AY-H6255BT*	BLE + 13.56 MHz	BLUETOOTH + MIFARE, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP	70mm/12M			16mA	IP65		8.5-16	177 g (6.2 oz)
AY-H6355BT*	BLE + 13.56 MHz	BLUETOOTH + MIFARE, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP	100mm/12M			16mA	IP65		8.5-16	190 g (6.7 oz)
CSN SELECT											
AY-L6255	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm		Sector	16mA	IP68	IK08	8.5-16	130 g (4.6 oz)
AY-K6255	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm		Sector	16mA	IP68	IK08	8.5-16	73 g (2.6 oz)
AY-M6255	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm		Sector	16mA	IP65	IK08	8.5-16	167 g (5.9 oz)
AY-H6255	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	90mm		Sector	16mA	IP65	IK08	8.5-16	177 g (6.2 oz)
AY-Q6255	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm		Sector	16mA	IP65	IK08	8.5-16	410g (14.5 oz)
AY-R6255	13.56 MHz	MIFARE, DESFIRE, NFC, Iclass (CSN)	Wiegand, C&D	50mm			16mA	IP65	IK08	8.5-16	208 g (7.3 oz)
AYC-M6355	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm	✓	Sector	16mA	IP65	IK08	8.5-16	169 g (5.9 oz.)
AYC-H6355	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm	✓	Sector	16mA	IP65	IK08	8.5-16	185 g (6.5 oz.)
AYC-Q6355	13.56 MHz	MIFARE, MIFARE Sector, DESFIRE, NFC, Iclass (CSN)	Wiegand, OSDP V2, C&D	50mm	✓	Sector	16mA	IP65	IK08	8.5-16	430 g (15.2 oz.)
DR-6255	13.56 MHz	MIFARE, DESFIRE, NFC, Iclass (CSN)	USB							5V Via USB	130 g (4.6 oz.)

\* Support BLE-Admin and BLE-ID mobile apps

### UHF Long Range

Product	Frequency	Technology	Interface	Read Distance	IP Rating	IK Rating	Operating Voltage (VDC)	Weight
UHF Long range								
AY-U920BT*	US: 902–928 MHz (America) EU: 865–868 MHz (Europe) Country dependent	UHF, Bluetooth	Wiegand, OSDP V2	0.5 to 12 m (1.6 to 39.4 ft)	IP67	IK10	8-15	2.8 kg (6.2 lb)
AY-U915BT*	US: 902–928 MHz (America) EU: 865–868 MHz (Europe) Country dependent	UHF, Bluetooth	Wiegand, OSDP V2	0.5 to 6 m (1.6 to 19.7 ft)	IP67	IK10	9-15	2.5 kg (5.5 lb)
DR-U955BT*	RFID: 13.56 MHz US: 902–928 MHz (America) EU: 865–868 MHz (Europe) Bluetooth: 2.402-2.480 GHz	MIFARE, UHF, Bluetooth	USB				5	130 g (4.6 oz.)
RF Long Range								
AY-L23**	G: 433.92 MHz H: 868.35 MHz	RF	Wiegand	70 m (230 ft)	IP65		7-24	500 g (1.1 lb)
SA-23-B2/B4	G: 433.92 MHz H: 868.35 MHz	RF		70 m (230 ft)	IP65		3V	21 g (0.74 oz)

\* Support BLE-Admin and BLE-ID mobile apps

\*\* Equipped with open collector tamper output 16mA and Relay 200mA

### 13.56 MHz – Open to Secure® – O2S®

Product	Frequency	Technology	Technology	Interface	Read Distance	Encryption	Tamper Output (Open collector)	IP Rating	IK Rating	Operating Voltage (VDC)	Weight of Pigtail Models	Weight of Terminal Block and OSDP Models
AY-H6270B	13.56 MHz	MIFARE, MIFARE Plus	Mifare Classic, Plus	Wiegand, OSDP V2	45mm	128AES	30mA	IP65	IK08	8.5-16	161 g (5.7 oz)	147 g (5.2 oz)
AY-H6280B	13.56 MHz	MIFARE, DESFire EV1	Mifare Classic, Desfire EV1	Wiegand, OSDP V2	45mm	128AES	30mA	IP65	IK08	8.5-16	168 g (5.9 oz)	144 g (5.1 oz)
AY-G6270B	13.56 MHz	MIFARE, MIFARE Plus	Mifare Classic, Plus	Wiegand, OSDP V2	40mm	128AES	30mA	IP65	IK08	8.5-16	155 g (5.5 oz)	144 g (5.1 oz)
AY-G6280B	13.56 MHz	MIFARE, DESFire EV1	Mifare Classic, Desfire EV1	Wiegand, OSDP V2	40mm	128AES	30mA	IP65	IK08	8.5-16	153 g (5.4 oz)	135 g (4.8 oz)
AY-G6370B	13.56 MHz	MIFARE, MIFARE Plus	PIN, Mifare Classic, Plus	Wiegand, OSDP V2	40mm	128AES	30mA	IP65	IK08	8.5-16	236 g (8.3 oz)	218 g (7.7 oz)
AY-G6380B	13.56 MHz	MIFARE, DESFire EV1	PIN, Mifare Classic, Desfire EV1	Wiegand, OSDP V2	40mm	128AES	30mA	IP65	IK08	8.5-16	231 g (8.1 oz)	219 g (7.7 oz)
AY-H6370B	13.56 MHz	MIFARE, MIFARE Plus	PIN, Mifare Classic, Plus	Wiegand, OSDP V2	45mm	128AES	30mA	IP65	IK08	8.5-16	220 g (7.8 oz)	196 g (6.9 oz)
AY-H6380B	13.56 MHz	MIFARE, DESFire EV1	PIN, Mifare Classic, Desfire EV1	Wiegand, OSDP V2	45mm	128AES	30mA	IP65	IK08	8.5-16	218 g (7.7 oz)	201 g (7.1 oz)
CP-R27	13.56 MHz	MIFARE, DESFire EV1	Mifare Classic, Desfire EV1	USB						5	79 g (2.8 oz)	79 g (2.8 oz)

# Readers

## MIFARE® Classic CSN

Product	Frequency	Technology	Interface	Read Distance	Tamper Output (Open collector)	IP Rating	Operating Voltage (VDC)	Weight
MIFARE Classic CSN								
AY-H25B	13.56 MHz	MIFARE CLASSIC	Wiegand, C&D	70 mm (2.8 in.)	16mA	IP65	5-16	116.9 g (4.1 oz)
AY-L25B	13.56 MHz	MIFARE CLASSIC	Wiegand, C&D	70 mm (2.8 in.)	16mA	IP65	5-16	111.1 g (3.9 oz)
AY-K25B	13.56 MHz	MIFARE CLASSIC	Wiegand, C&D	60 mm (2.4 in.)	16mA	IP65	5-16	68.5 g (2.4 oz)
AY-M25B	13.56 MHz	MIFARE CLASSIC	Wiegand, C&D	65 mm (2.6 in.)	16mA	IP65	5-16	109.1 g (3.8 oz.)
AY-H5B	13.56 MHz	MIFARE CLASSIC	Wiegand	70 mm (2.8 in.)			5-16	74.8 g (2.6 oz)
AY-L5B	13.56 MHz	MIFARE CLASSIC	Wiegand	70 mm (2.8 in.)			5-16	70.6 g (2.5 oz)
AY-K5B	13.56 MHz	MIFARE CLASSIC	Wiegand	60 mm (2.4 in.)			5-16	34.3 g (1.2 oz)
AY-M5B	13.56 MHz	MIFARE CLASSIC	Wiegand	65 mm (2.6 in.)			5-16	75.0 g (2.6 oz.)
AY-T6350	13.56 MHz	PIN, MIFARE CLASSIC	Wiegand, C&D	70 mm (2.8 in.)	32mA	IP68	8.5-16	170 g (6 oz)

# Readers

## Technical Specifications

## PROX and goPROX®

Product	Frequency	Technology	Interface	Read Distance	Convertible Standalone 500 users	Tamper Output (Open collector)	IP Rating	Operating Voltage (VDC)	Weight
PROX									
AY-H12C	125 kHz	Prox	Wiegand, C&D, RS-232	10 cm (3.9")		16 mA	IP65	5-16	100 g (3.5 oz)
AY-L12C	125 kHz	Prox	Wiegand, C&D, RS-232	10 cm (3.9")		16 mA	IP65	5-16	116 g (4.1 oz)
AY-K12C	125 kHz	Prox	Wiegand, C&D, RS-232	8 cm (3.1")		16 mA	IP65	5-16	70.5 g (2.5 oz)
AY-M12C	125 kHz	Prox	Wiegand, C&D, RS-232	10 cm (3.9")		16 mA	IP65	5-16	109 g (3.9 oz)
AY-Q12C	125 kHz	Prox	Wiegand, C&D, RS-232	3.5 cm (1.4")		16 mA	IP65	5-16	480 g (17.0 oz)
AY-H2B	125 kHz	Prox	Wiegand	10 cm (4 in.)				5-16	74.7 g (2.6 oz)
AY-L2B	125 kHz	Prox	Wiegand	10 cm (4 in.)				5-16	71.1 g (2.5 oz)
AY-K2B	125 kHz	Prox	Wiegand	8 cm (3.2 in.)				5-16	35.1 g (1.2 oz)
AY-M2B	125 kHz	Prox	Wiegand	10 cm (4 in.)				5-16	75.0 g (2.6 oz.)
AYC-G64	125 kHz	PIN & Prox	Wiegand, C&D	8 cm (3.2 in.)	✓	32 mA	IP65	5-16	160 g (5.6 oz)
AYC-F64	125 kHz	PIN & Prox	Wiegand, C&D	8 cm (3.2 in.)	✓	32 mA	IP65	5-16	215 g (7.6 oz)
AYC-E65B	125 kHz	PIN & Prox	Wiegand, C&D	4 cm (1.6 in.)	✓	30 mA	IP68	5-16	143 g (5.0 oz)
AYC-T65	125 kHz	PIN & Prox	Wiegand, C&D	4 cm (1.6 in.)	✓	30 mA	IP68	5-16	121 g (4.3 oz)
AYC-Q64B	125 kHz	PIN & Prox	Wiegand, C&D	4.5 cm (1.8 in.)	✓	30 mA	IP65	5-16	480 g (1.1 lb)
AY-Z12A	125 kHz	Prox	Wiegand	60 cm (23.6 in.)		30 mA	IP54	10-16	1.066 kg (2.35 lbs)
DR-12C	125 kHz	Prox	USB	Up to 5 cm (2 in.)			IP54	5	130 g (4.6 oz)
goPROX									
AYC-G60	125 kHz	ASK, FSK Prox	Wiegand, C&D	6 cm (2.36 in.)	✓	32 mA	IP65	5-16	160 g 0.35 lbs
AYC-F60	125 kHz	ASK, FSK Prox	Wiegand, C&D	6 cm (2.36 in.)	✓	32 mA	IP65	5-16	480 g 1.05 lbs
AYC-E60	125 kHz	ASK, FSK Prox	Wiegand, C&D	6 cm (2.36 in.)	✓	32 mA	IP65	5-16	143 g 0.31 lbs
AYC-Q60	125 kHz	ASK, FSK Prox	Wiegand, C&D	6 cm (2.36 in.)	✓	32 mA	IP65	5-16	480 g 1.05 lbs
Modules									
MD-12W	125 kHz	Prox	Wiegand	5 cm (2 in.)			IP65	5	5 g (0.2 oz)
MD-12C	125 kHz	Prox	C&D	5 cm (2 in.)			IP65	5	5 g (0.2 oz)

# Readers

## Technical Specifications

### PIN Code

Product	Keypad matrix	Keypad type	Interface	Convertible Standalone 500users	Tamper Output (Open collector)	IP Rating	Operating Voltage (VDC)	Weight
AYC-G54	2x6	Backlit	Wiegand, C&D	✓	32 mA	IP65	5-16	160 g (5.6 oz)
AYC-F54	3x4	Backlit	Wiegand, C&D	✓	32 mA	IP65	5-16	215 g (7.6 oz)
AYC-E55	2x6	Piezo	Wiegand, C&D	✓	30 mA	IP68	5-16	120 g (4.2 oz)
AYC-Q54B	3x4	Backlit	Wiegand, C&D	✓	30 mA	IP65	5-16	480 g (1.1 lb)
AY-D09M	3x4	Standard	Wiegand, C&D		32 mA	IP54	5-16	110 g (3.88 oz)



### Rosslare Mobile Apps



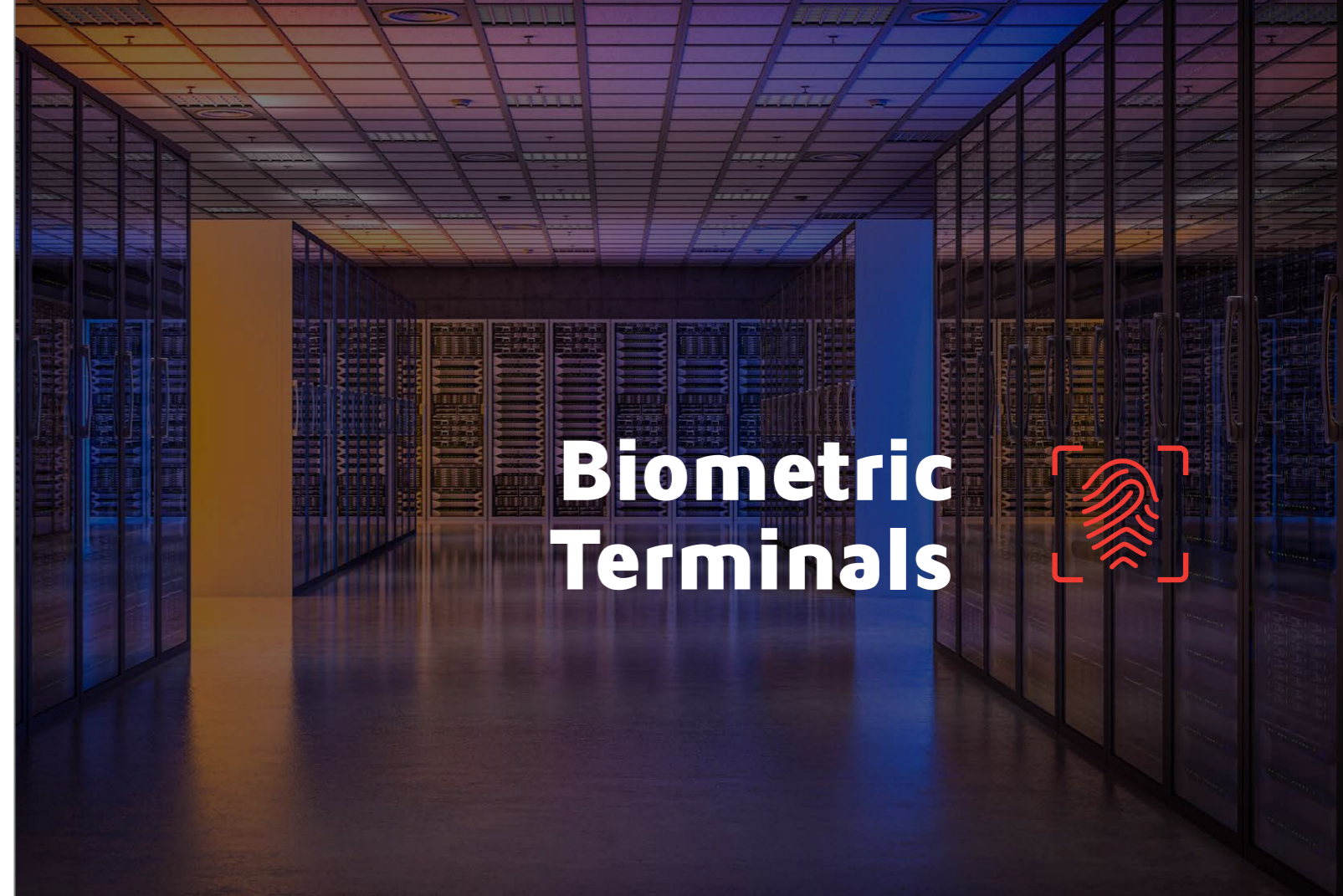
#### Rosslare BLE-Admin™ Configuration App

Available for iOS and Android



#### Rosslare BLE-ID™ Mobile Credentials App

Available for iOS (Bluetooth) and Android (Bluetooth & NFC)



# Biometric Terminals

BIO9000 Series

Rosslare Bio series cater to a wide range of indoor and outdoor applications for both large and small companies, offering advanced features including liveness check and facial recognition. Our Red Dot award-winning legacy biometric readers are designed for organizations seeking to avoid storage of fingerprint data on the device. Match on Card readers lack the user template limitations of traditional readers, making them especially suitable for large scale applications.



## AY-B9120BT/ AY-B9150BT

Fingerprint & Card Reader with Rosslare BLE-ID™



## AY-B9250BT

Fingerprint & Card reader with built-in camera, LCD and BLE-ID

### AY-B9120BT/ AY-B9150BT KEY FEATURES

- Liveness check in less than 1 second
- Encrypted data
- RFID card reader – 125 kHz (EM) / 13.56 MHz (MIFARE)
- Dual authentication (card and fingerprint) for improved security
- Built-in camera for event recording and recreation
- Rosslare BLE-ID™ app support for Bluetooth only
- 20,000 fingerprint templates
- Waterproof (IP65)
- TCP/IP, Wiegand 26-bit/34-bit, RS-485
- Built-in relay

### AY-B9250BT KEY FEATURES

- Liveness check in less than 1 second
- Encrypted data
- RFID card reader – 13.56 MHz (MIFARE)
- Dual authentication (card and fingerprint) for improved security
- Four touch function keys and LCD display
- Camera for recording photo snapshots based on terminal activity
- Rosslare BLE-ID™ app support for Bluetooth only
- 20,000 fingerprint templates
- Waterproof (IP65)
- TCP/IP, Wiegand 26-bit/34-bit, RS-485
- Built-in relay

# Biometric Terminals

BIO9000 Series



## DR-B9000

USB Fingerprint Enrollment Desktop Reader for the Biometric Reader 9000 Series

### DR-B9000 KEY FEATURES

- Compatible with Rosslare AxTrax and BIO9000 management software
- USB connectivity to PC
- Fingerprint Liveness check optical sensor
- Acquire high resolution images
- Supports the 9000 biometric series

### Rosslare Mobile Apps



### Rosslare BLE-ID™ Mobile Credentials App

Available for iOS (Bluetooth) and Android (Bluetooth & NFC)

### Related Software

#### RosslareBio 9000

##### *BIO 9000*

Standalone BIO9000 terminals management software, with access control and T&A functionality

#### AxTraxPro™ and AxTraxNG™

AxTraxPro AxTraxNG

Fully integrated with AxTrax server for seamless operation, template management and access

# Biometric Terminals

## Technical Specifications

### Biometric Terminals 125 kHz / 13.56 MHz

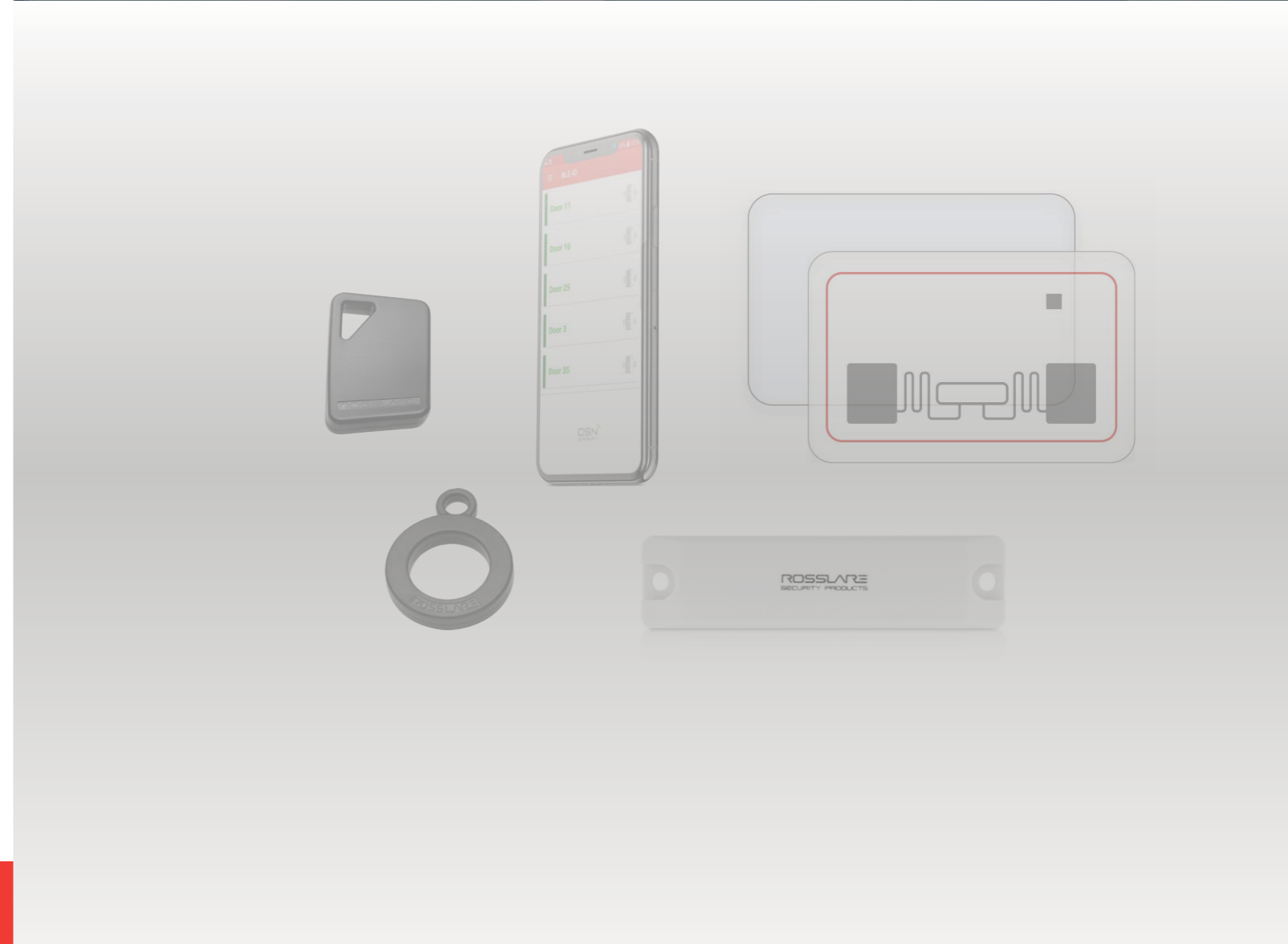
Product	Frequency	Technology	Interface	Read Distance	FP Templates	Users	Event log	Tamper Output (Open collector)	Relay	IP Rating	Operating Voltage (VDC)	Weight
9000 SERIES												
AY-B9120BT*	2.4 GHz + 125 kHz	FP & Prox & Bluetooth	TCP/IP, Wiegand, RS-485	BLE - 12M / EM - 5 cm	20K	Up to 10K	100K	✓	✓	IP65	Unique Power supply	700 g (1.54 lbs)
AY-B9150BT*	2.4 GHz + 13.56 MHz	FP & Prox & Bluetooth	TCP/IP, Wiegand, RS-485	BLE - 12M / MIFARE - 5 cm	20K	Up to 10K	100K	✓	✓	IP65	Unique Power supply	700 g (1.54 lbs)
AY-B9250BT*	2.4 GHz + 13.56 MHz	FP & Prox & Bluetooth	TCP/IP, Wiegand, RS-485	BLE - 12M / MIFARE - 5 cm	20K	Up to 10K	100K	✓	✓	IP65	Unique Power supply	700 g (1.54 lbs)
DR-B9000			USB					✓			5	210 g (0.46 lbs)

\* Supports BLE-ID mobile credential.

\*\* Loading above 3000 templates is not recommended due to extended response time.



# Credentials










# Credentials

Credentials are crucial for user identity validation. Rosslare offers a selection of high-quality, long-lasting credentials supporting multiple technologies as BLE, MIFARE, Alien Higgs and more.

Recognized for their high number of possible reads and extensive customization services such as programmable laser engraving and printing, our card credentials are photo ID compatible and can be directly printed on by adding an image or via thermal transfer.

# Credentials

## 13.56 MHz MIFARE Classic EV1 Credentials

	Part Number	Type	Technology	Programmable Memory Size	Form Factor	Format	ID Printing
	AT-D1S-000-0001 AT-D4S-000-0001	Not Programmed	MIFARE Classic EV1 – 4UID	1K/4K	ISO Card (PVC)	Not Formatted	No ID Printed
	AT-C1S-000-E000	Not Programmed	MIFARE Classic EV1 – 7UID	1K	ISO Card (PVC)	Not Formatted	No ID Printed
	AT-C1S-000-0000 AT-C4S-000-0000	Not Programmed	MIFARE Classic EV1 – 7UID	1K/4K	ISO Card (PVC)	Not Formatted	No ID Printed
	AT-D1K-000-0SB0	Not Programmed	MIFARE Classic EV1 – 4UID	1K	Key Fob (Shark)	Not Formatted	No ID Printed
	AT-C1K-000-0SB0 AT-C4K-000-0SB0	Not Programmed	MIFARE Classic EV1 – 7UID	1K/4K	Key Fob (Shark)	Not Formatted	No ID Printed
	AT-C1K-000-0RB0 AT-C4K-000-0RB0	Not Programmed	MIFARE Classic EV1 – 7UID	1K/4K	Key Fob (Ring)	Not Formatted	No ID Printed
	AT-C1K-000-0TB0 AT-C4K-000-0TB0	Not Programmed	MIFARE Classic EV1 – 7UID	1K/4K	Key Fob (Twist)	Not Formatted	No ID Printed



### NFC and BLE-ID for Mobile Devices

- Easy to use
- Ideal for no-touch operation
- Supports NFC for Android and BLE for Android & iOS
- Fits any access control system



### 13.56 MHz MIFARE Classic EV1 Credentials

- Great quality and range
- Full customization services
- Comes in variety of form factors
- Original NXP chip inside



### 13.56 MHz MIFARE Plus & DESFire EV1

- Offers the MAXIMUM level of security
- Comes in variety of form factors
- Pre-formatted and pre-programmed
- Supports multi-applications



### UHF Alien Higgs-3 Credentials

























- Suits any vehicle related application
- Offer great reading distance
- Comes in variety of form factors
- Ideal for hands free and no-touch operation















### 125 kHz EM and Temic Credentials

- EM and Temic
- Comes in variety of form factors
- Highly reliable, and interference-free
- Strong, sturdy, and robust

### 13.56 MHz MIFARE Plus Credentials

Part Number	Type	Technology	Programmable Memory Size	Form Factor	Format	ID Printing
 AT-P2S-000-0000 AT-P4S-000-0000	Not Programmed	MIFARE Plus S	2K/4K	ISO Card (PVC)	Not Formatted	No ID Printed
 RT-P2S-26A-3000 RT-P4S-26A-3000	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	ISO Card (PVC)	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 RT-P2S-38A-3000 RT-P4S-38A-3000	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	ISO Card (PVC)	Wiegand 38-bit (Rosslare Proprietary)	Inkjet – FC & Card ID (decimal)
 AT-P2K-000-0SB0 AT-P4K-000-0SB0	Not Programmed	MIFARE Plus S	2K/4K	Key Fob (Shark)	Not Formatted	No ID Printed
 RT-P2K-26A-7SB0 RT-P4K-26A-7SB0	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	Key Fob (Shark)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-P2K-38A-7SB0 RT-P4K-38A-7SB0	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	Key Fob (Shark)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-P2K-000-0RB0 AT-P4K-000-0RB0	Not Programmed	MIFARE Plus S	2K/4K	Key Fob (Ring)	Not Formatted	No ID Printed
 RT-P2K-26A-7RB0 RT-P4K-26A-7RB0	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	Key Fob (Ring)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-P2K-38A-7RB0 RT-P4K-38A-7RB0	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	Key Fob (Ring)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-P2K-000-0TB0 AT-P4K-000-0TB0	Not Programmed	MIFARE Plus S	2K/4K	Key Fob (Twist)	Not Formatted	No ID Printed
 RT-P2K-26A-7TB0 RT-P4K-26A-7TB0	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	Key Fob (Twist)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-P2K-38A-7TB0 RT-P4K-38A-7TB0	O2S – Rosslare Keys	MIFARE Plus S	2K/4K	Key Fob (Twist)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-X2S-000-0000 AT-X4S-000-0000	Not Programmed	MIFARE Plus X	2K/4K	ISO Card (PVC)	Not Formatted	No ID Printed
 RT-X2S-26A-3000 RT-X4S-26A-3000	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	ISO Card (PVC)	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 RT-X2S-38A-3000 RT-X4S-38A-3000	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	ISO Card (PVC)	Wiegand 38-bit (Rosslare Proprietary)	Inkjet – FC & Card ID (decimal)
 AT-X2K-000-0SB0 AT-X4K-000-0SB0	Not Programmed	MIFARE Plus X	2K/4K	Key Fob (Shark)	Not Formatted	No ID Printed
 RT-X2K-26A-7SB0 RT-X4K-26A-7SB0	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	Key Fob (Shark)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-X2K-38A-7SB0 RT-X4K-38A-7SB0	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	Key Fob (Shark)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-X2K-000-0RB0 AT-X4K-000-0RB0	Not Programmed	MIFARE Plus X	2K/4K	Key Fob (Ring)	Not Formatted	No ID Printed
 RT-X2K-26A-7RB0 RT-X4K-26A-7RB0	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	Key Fob (Ring)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-X2K-38A-7RB0 RT-X4K-38A-7RB0	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	Key Fob (Ring)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-X2K-000-0TB0 AT-X4K-000-0TB0	Not Programmed	MIFARE Plus X	2K/4K	Key Fob (Twist)	Not Formatted	No ID Printed
 RT-X2K-26A-7TB0 RT-X4K-26A-7TB0	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	Key Fob (Twist)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-X2K-38A-7TB0 RT-X4K-38A-7TB0	O2S – Rosslare Keys	MIFARE Plus X	2K/4K	Key Fob (Twist)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)








### 13.56 MHz MIFARE DESFire EV1 Credentials

Part Number	Type	Technology	Programmable Memory Size	Form Factor	Format	ID Printing
 AT-V2S-000-0000 AT-V4S-000-0000 AT-V8S-000-0000	Not Programmed	MIFARE DESFire EV1	2K/4K/8K	ISO Card (PVC)	Not Formatted	No ID Printed
 RT-V2S-26A-3000 RT-V4S-26A-3000 RT-V8S-26A-3000	O2S – Rosslare Keys	MIFARE DESFire EV1	2K/4K/8K	ISO Card (PVC)	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 RT-V2S-38A-3000 RT-V4S-38A-3000 RT-V8S-38A-3000	O2S – Rosslare Keys	MIFARE DESFire EV1	2K/4K/8K	ISO Card (PVC)	Wiegand 38-bit (Rosslare Proprietary)	Inkjet – FC & Card ID (decimal)
 AT-V2K-000-0SB0 AT-V4K-000-0SB0 AT-V8K-000-0SB0	Not Programmed	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Shark)	Wiegand 26-bit	No ID Printed
 RT-V2K-26A-7SB0 RT-V4K-26A-7SB0 RT-V8K-26A-7SB0	O2S – Rosslare Keys	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Shark)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-V2K-38A-7SB0 RT-V4K-38A-7SB0 RT-V8K-38A-7SB0	O2S – Rosslare Keys	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Shark)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-V2K-000-0RB0 AT-V4K-000-0RB0 AT-V8K-000-0RB0	Not Programmed	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Ring)	Not Formatted	No ID Printed
 RT-V2K-26A-7RB0 RT-V4K-26A-7RB0 RT-V8K-26A-7RB0	O2S – Rosslare	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Ring)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-V2K-38A-7RB0 RT-V4K-38A-7RB0 RT-V8K-38A-7RB0	O2S – Rosslare	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Ring)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)
 AT-V2K-000-0TB0 AT-V4K-000-0TB0 AT-V8K-000-0TB0	Not Programmed	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Twist)	Not Formatted	No ID Printed
 RT-V2K-26A-7TB0 RT-V4K-26A-7TB0 RT-V8K-26A-7TB0	O2S – Rosslare	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Twist)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 RT-V2K-38A-7TB0 RT-V4K-38A-7TB0 RT-V8K-38A-7TB0	O2S – Rosslare	MIFARE DESFire EV1	2K/4K/8K	Key Fob (Twist)	Wiegand 38-bit (Rosslare Proprietary)	Laser Engraving – FC & Card ID (decimal)







# Credentials

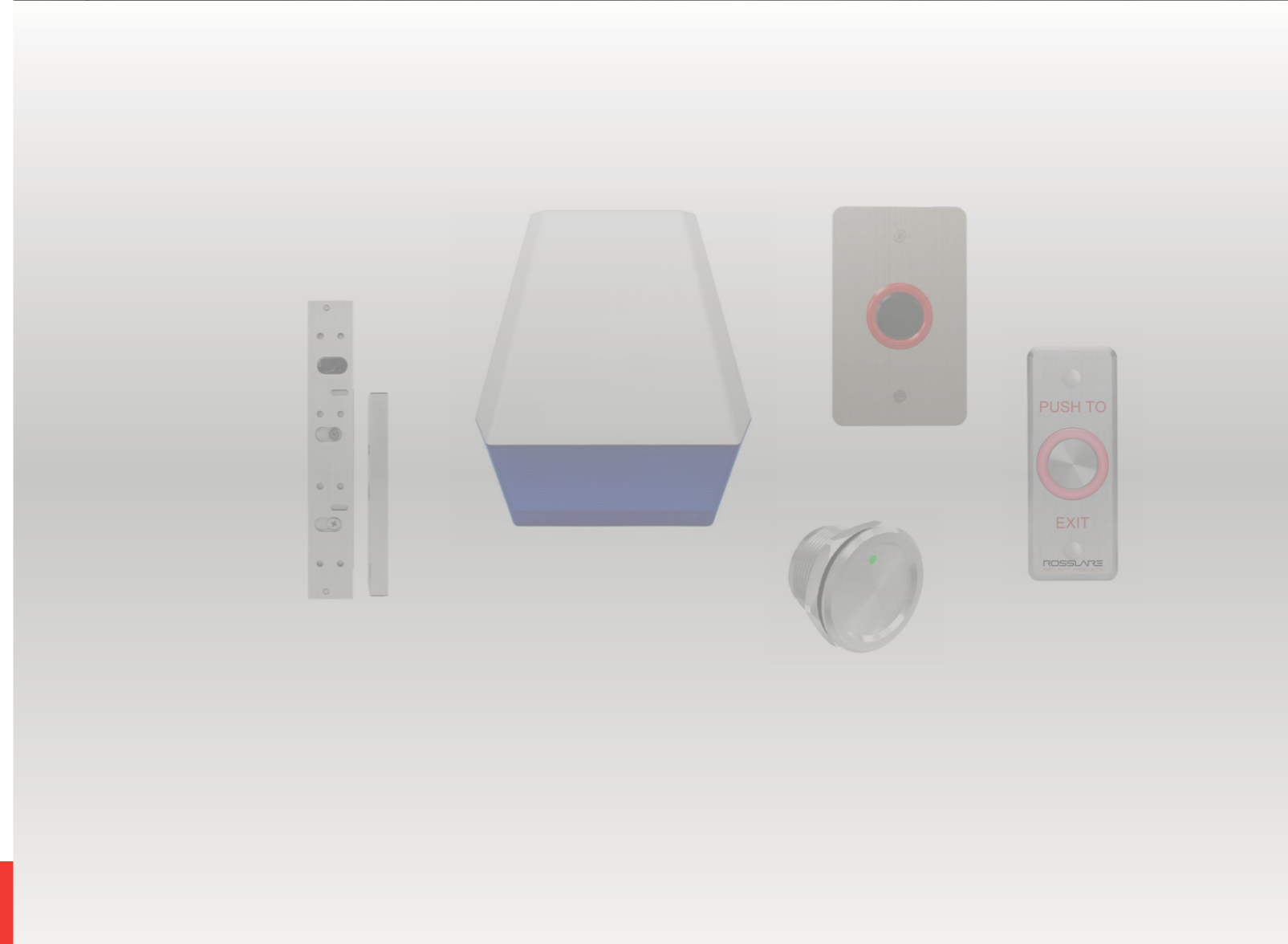
## Technical Specifications

### UHF Alien Higgs-3 Credentials

Part Number	Type	Technology	Programmable Memory Size	Form Factor	Format	ID Printing
 LT-UVS-26A-3000	Programmed	ISO18000-6C	64 Bytes	ISO Card (PVC)	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 LT-UVH-26A-3100	Programmed	ISO18000-6C	64 Bytes	Hard Tag	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 LT-UVH-26A-7000	Programmed	ISO18000-6C	64 Bytes	Hard Tag	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 LT-UVT-26A-3001	Programmed	ISO18000-6C	64 Bytes	Tamper Paper Label	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 AT-UVT-000-0001	Not Programmable	ISO18000-6C	64 Bytes	Tamper Paper Label	Not Formatted	No ID Printed
 AT-Z4S-000-0001	Not Programmable	ISO18000-6C + MIFARE Classic EV1	4K MIFARE 64 Bytes UHF	ISO Card (PVC)	Not Formatted	No ID Printed
 LT-UVG-26A-3001	Programmed	ISO18000-6C	64 Bytes	Glass Inlay Label	Wiegand 26-bit	Inkjet – FC & Card ID (Decimal)

### 125 kHz EM and Temic Credentials

Part Number	Type	Technology	Prog. Mem. Size	Form Factor	Format	ID Printing
 AT-TUC-000-0001 AT-TUC-000-0000	Not Programmable	TEMIC (ASK)	32 Bytes	Clamshell Card	Not Formatted	No ID Printed
 AT-TUS-000-0001 AT-TUS-000-0000	Not Programmable	TEMIC (ASK)	32 Bytes	ISO Card (PVC)	Not Formatted	No ID Printed
 AT-ERC-26A-3001 AT-ERC-26A-3000	Not Programmable	EM	Read-Only	Clamshell Card	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 AT-ERS-26A-3001 AT-ERS-26A-3000	Not Programmable	EM	Read-Only	ISO Card (PVC)	Wiegand 26-bit	Inkjet – FC & Card ID (decimal)
 AT-ERK-26A-7RB0 AT-ERK-26A-7RL0	Not Programmable	EM	Read-Only	Key Fob (Ring)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)
 AT-ERK-26A-7TB0 AT-ERK-26A-7TLO	Not Programmable	EM	Read-Only	Key Fob (Twist)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)



# Door Accessories

## EX (REX) Buttons

Rosslare has it all under one roof, featuring an extensive selection of general accessories such as power supplies, connectivity products, wireless receivers, and a comprehensive list of door accessories such as switches, electromagnetic locks and REX buttons.



### EX-06

Analog Piezoelectric REX Switch with Toggle Option



### EX-16

Analog Mullion Size Piezoelectric REX Switch with Toggle Option



### EX-07

Digital Piezoelectric REX Switch with Toggle Option



### EX-17

Digital Mullion Size Piezoelectric REX Switch with Toggle Option

### KEY FEATURES

- Highly-sensitive piezoelectric REX button series
- Adjustable lock release time using potentiometer
- Up to 2 A switching current
- Standard single US gang box and mullion sizes
- Basic, non-powered analog model (EX-06, EX-16)
- Advanced digital model (EX-07, EX-17)
- Externally controlled lighting and built-in sounder
- External input for alarm/evacuation light flashing indications
- Stainless steel surface and potted, sealed interior with external connections and setup compartment (EX-06, EX-16, EX-07, EX-17)
- Custom labeling per demand

# Door Accessories

## EX (REX) Buttons



### EX-H22N

Passive Infrared Anti-Vandal Motion Sensor Switch

- No-touch switch



### EX-M22N

Passive Infrared Anti-Vandal Motion Sensor Switch

- No-touch switch



### EX-H22

Passive Infrared Motion Sensor Switch

- No-touch switch



### EX-M22

Passive Infrared Motion Sensor Switch

- No-touch switch



### EX-H04

Plastic Slim Piezoelectric REX Switch with Light Ring



### EX-M04

Plastic Slim Piezoelectric REX Switch with Light Ring



### EX-01

Plastic Switch with "PUSH TO EXIT" lettering

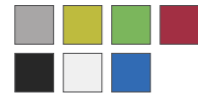
# Door Accessories

## PX Switches



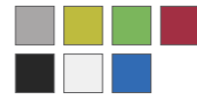
**PX-13**

Small Metallic Piezoelectric Push Button



**PX-23**

Small Metallic Piezoelectric Push Button with Spot LED



**PX-34**

Small Metallic Piezoelectric Push Button with Toggle Option and Ring LED



# Door Accessories

## Electromagnetic Locks



**LK-M12L**

1200 lb / 540 kg Electromagnetic Lock with Lock Status & Indicator



**LK-M06L**

600 lb / 270 kg Electromagnetic Lock with Lock Status & Indicator



**LK-M03**

300 lb / 134 kg Electromagnetic Lock with Lock Status & Indicator



**LA-L12 + LA-Z12**

Adjustable L-Bracket and L&Z Bracket for LK-M12L



**LA-L06 + LA-Z06**

Adjustable L-Bracket and L&Z Bracket for LK-M06L



**LA-L03 + LA-Z03**

Adjustable L-Bracket and L&Z Bracket for LK-M03



**LA-U12**

U-Bracket for Glass Door, for use with LK-M12L & LK-M06L



**LA-U03**

U-Bracket for Glass Door, for use with LK-M03

# Door Accessories

## Wired Sensors



**SH-02**  
Magnetic Contact



**SH-12**  
Cylindrical Magnetic Contact



**SA-31**  
Wired Flood Detector

- Supplied with a 150-cm (4.92-ft) cable

# Door Accessories

## Wired Sensors & Sounders



**SA-95A/L**  
Wired Mini-piezoelectric Siren and Strobe

- Piezoelectric siren with strobe
- Small footprint
- Water-resistant, meets IP65



**SA-96A/L**  
Hardwired Piezoelectric Siren and Strobe

- 3 piezoelectric sounders
- 10 ultra-bright strobe LED arrays
- Water-resistant, meets IP65



**SA-91A/L**  
Advanced Wired Piezoelectric Siren and Strobe

- Selectable siren time
- Battery backup and charge
- LED indications for low battery, tamper, and AC failure
- Water-resistant, meets IP65



**BL-D40**  
Compact Bell and Strobe Unit for Standalone Controllers

# Other Accessories

## Connectivity & Cabling



### MD-W11N/F

Wireless Access Control Door Interface  
Near Unit / Far Unit

MD-W11

#### KEY FEATURES

- Maximum range up to 300 m (985 ft) outdoors
- Overall response time of 500 ms when used with Rosslare's controllers and readers
- Compatible with all of Rosslare's readers and with any third-party units using standard Wiegand format of PIN code and credentials
- Case and wall tamper protection



### MD-N32

RS-232 to Ethernet Gateway



### MD-08B

Programming Interface for Smart Card Readers



### MD-14U

RS-485 to USB Converter Cable



### MD-24U

USB to RS-232 Converter Cable

# Other Accessories

## Mounting



### MP-06

External Mount Metal Enclosure

- Compatible with EX-06, EX-07, EX-04, EX-22 series buttons and MP-H03



### MP-16

External Mount Metal Enclosure

- Compatible with EX-16, EX-17 Piezoelectric Buttons and MP-J03



### MP-H03

Mounting Plate for PX Series Piezoelectric Push Buttons

- Compatible with PX-13, PX-23, and PX-34 piezoelectric buttons



### MP-J03

Mounting Plate for PX Series Piezoelectric Push Buttons

- Compatible with PX-13, PX-23, and PX-34 piezoelectric buttons



### MP-M03

Mounting Plate for PX Series Piezoelectric Push Buttons

- Compatible with PX-13, PX-23, and PX-34 piezoelectric buttons

Note: Mounting plate only, the PX Switch is sold separately

## Other Accessories

### Mounting



#### MP-K35

Mount Spacer for AY-K35 Reader



#### MP-K01

Mount Spacer for AY-K12C /AY-K6255 Readers



#### MP-Z02

Mount Spacer for AY-Z12A Reader



#### MP-G02

Flush mount housing for AC-G43/44 standalone controllers and AYC-G54/64 convertible readers

## Other Accessories

### Power Supplies and Batteries



#### ME-0515M

Multipurpose Power Management Enclosure

- Two isolated output channels: 12 VDC at 2 Amp (4 Amps total)
- Power Management Board with 7AH Lead Acid battery charger
- Universal Input Voltage 100 VAC to 240 VAC 50/60Hz auto select
- Tough metal enclosure featuring Rosslare's PowerLock™ C13 socket



#### PS-C25TB

Power Management Enclosure with built in Secure Relay I/O Module

- A factory configured kit including the MD-25TB and the ME-0515M



#### MD-25TB

Secure Relay I/O Module

- Converts any AYC reader into a Secure Standalone Controller
- Proprietary communications protocol
- Security critical IOs all contained within the secure premises

### Door Accessories – Exit Buttons & Piezoelectric Switches

Product	Switch type	Sensor/Switch type	Led type	Led control	Button	IP Rating	Operating Voltage (VDC)	Weight
EX-06	Piezo	Analog (Toggle / Pulse)	Ring		Piezo	IP65	10-24	238 g (8.4 oz.)
EX-16	Piezo	Analog (Toggle / Pulse)	Ring		Piezo	IP65	10-24	173 g (6.1 oz.)
EX-07	Piezo	Digital	Square		Piezo	IP65	12-24	277 g (9.8 oz.)
EX-17	Piezo	Digital	Square		Piezo	IP65	12-24	205 g (7.2 oz.)
EX-H22N	Infrared	Motion	Ring	✓	No Touch	IP68	8-30	193.1 g (6.8 oz.)
EX-M22N	Infrared	Motion	Ring	✓	No Touch	IP68	8-30	179.1 g (6.3 oz.)
EX-H22	Infrared	Motion	Ring	✓	No Touch	IP68	8-30	50 g (1.76 oz)
EX-M22	Infrared	Motion	Ring	✓	No Touch	IP68	8-30	55 g (1.94 oz)
EX-H04	Piezo	N.O.	Ring	✓	Piezo	IP65	8-30	50 g (1.76 oz)
EX-M04	Piezo	N.O.	Ring	✓	Piezo	IP65	8-30	55 g (1.94 oz)
EX-01	Mechanical	N.O.			Push		30	15.6 g (0.55 oz)
PX-13	Piezo	N.O.			Piezo	IP68	5-30	22 g (0.8 oz)
PX-23	Piezo	N.O.	Dot		Piezo	IP68	5-30	22 g (0.8 oz)
PX-34	Piezo	Toggle	Ring	✓	Piezo	IP68	5-30	22 g (0.8 oz)

### Door Accessories – Electromagnetic Locks

Product	Device type	Type	Holding Force (pound)	Door compatibility	Operating Voltage (VDC)	Weight
LK-M03	Maglock	Lock	136kg (300lb)		Dual 12 / 24 VDC	Main 0.63 kg (1.39 lbs) Contact 0.25 kg (0.55 lb)
LK-M06L	Maglock	Lock	272kg (600lb )		Dual 12 / 24 VDC	Main 1.22 kg (2.7 lbs) Contact 0.66 kg (1.45 lbs)
LK-M12L	Maglock	Lock	544kg (1200lb)		Dual 12 / 24 VDC	Main 3.09 kg (6.8 lbs) Contact 1.39 kg (3.06 lbs)
LA-L03 / LA-Z03	Bracket	Bracket for LK-M03		inswing door		145 g (0.32 lb) / 376 g (0.83 lb)
LA-L06 / LA-Z06	Bracket	Bracket for LK-M06L		inswing door		233 g (0.51 lb) / 457g (1 lb)
LA-L12 / LA-Z12	Bracket	Bracket for LK-M12L		inswing door		474 g (1.05 lbs) / 746 g (1.64 lbs)
LA-U03 / LA-U12	Bracket	Bracket for LK-M03/ M06L and M12L		glass door		378 g (0.83 lb) / 550 g (1.21 lbs)

### Other Accessories – Connectivity & Cabling & Power Supplies

Product	Description	Conversion from/to	Operating Voltage	Weight
Reader programmer				
MD-08B	Programming Interface for Smart Card Readers	RS232	12-15	75 g (2.6 oz.)
Converter and communication cables				
MD-N32	RS-232 to Ethernet Gateway	RS232/TCPIP	10-16	92 g (3.25 oz)
MD-W11	Wireless Access Control Door Interface	Wiegand/RF/Wiegand	15-24	155 g (5.5 oz)
MD-14U	RS-485 to USB Converter Cable	RS-485/USB		75g
MD-24U	RS-232 to USB Converter Cable	RS-232/USB		88g
Power supply				
MD-25TB	Secure Relay I/O Module		12VDC	0.155 kg (0.34 lb)
ME-0515M	Multipurpose Power Management Enclosure		12VDC	2.1 kg (4.6 lb)
PS-C25TB	Power Management Enclosure with built in Secure Relay I/O Module		110 VAC to 240 VAC 50/60Hz auto select	2.21 kg (4.87 lb)

### Other Accessories – Mounting

Mounting	Description	Compatible product
MP-K35	Mounting spacer	AY-K35
MP-06	Wall flush mount box "H" series	EX-06, EX-07, EX-H04, EX-H22, EX-H22N, MP-H03
MP-16	Wall flush mount box "J" series	EX-16, EX-17, MP-J03
MP-G02	Wall flush mount box "G" series	AC-G43, AC-G44, AYC-G54, AYC-G60, AYC-G64
MP-H03	Mounting plate for PX series US Gang	PX-13, PX-23, PX-34
MP-J03	Mounting plate for PX series mullion	PX-13, PX-23, PX-34
MP-M03	Mounting plate for PX series UK Gang	PX-13, PX-23, PX-34
MP-K01	Mounting spacer "K" series	AY-K2B, AY-K5B, AY-K12C, AY-K25B, AY-K6255
MP-Z02	Mounting spacer	AY-Z12A

# Guard Patrol



# Guard Patrol

DigiTool® System

The Rosslare DigiTool® guard patrol system integrates a complete range of high performance private- and public-sector products specifically designed for patrol and data acquisition applications, enabling more effective security staff monitoring and supervision.



### GC-01

Data Acquisition Reader

- Rugged and waterproof, dust resistant design
- Internal rechargeable battery for 6-month use or 300,000 readings



### GC-02

Data Acquisition Reader Base / Charger

- RS-232 docking station for data upload to PC and reader battery charger
- 3-colored LED and buzzer indications



### GC-03

Data Acquisition Reader Charger

- Reader docking station functions as a battery charger
- 2-colored LED



### GA-01

iButton Location Tag

- Rugged and waterproof



# Guard Patrol

DigiTool® System



### GA-02

Event Wallet

- Portable wallet for special event reporting during guard patrol
- 10 event iButtons



### MD-24U

USB to RS-232 Converter Cable



### GA-06

Leather Holster for GC-01



### GS-01

DigiTool® Reports Lite™ PC Software



### GC-K01

DigiTool® Starter Kit

- Includes: GC-01, GC-02, GA-02, GA-01B, GA-06, GS-01



### GC-K03

DigiTool® Guard Upgrade Kit

- Includes: GC-01, GC-03, GA-02, GA-06, compatible PS



# Product Selection Guide



## Product Selection Guide

Software	AxTrax Platform	Server	AxTraxPro™	6
			AxTraxNG™	7
	Modules	AxTime™	7	
	Mobile Apps	BLE-Admin, BLE-ID		20, 21, 23, 24, 45
Controllers	Networked Control Panels	Control Panels	AC-825IP, AC-215-B/215IP-B, AC-225-B/225IP-B, AC-425-B/425IP-B	10-11
		Expansion Boards	R-805, D-805, S-805, P-805, MD-D02B, MD-D04B, MD-IO84B	10-11
		Enclosures	ME-1015, ME-1515	12
	Small Access Controllers	Entry-Level	AC-115 & AS-115, AS-015	13
		Standalone	AC-Q41HB/SB, AC-Q42HB/SB, AC-Q44, AC-T43, AC-S43, AC-F43, AC-F44, AC-G43, AC-G44, AC-B32, AC-D32	14-16
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Readers	13.56 MHz	Multi-Smart™	AY-K35	20
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		UHF Long Range	AY-U915BT, AY-U920BT, DR-U955BT, AY-L23, SA-23-B2, SA-23-B4	24-25
Readers	13.56 MHz	Open to Secure® - O2S®	AY-H6270B, AY-H6280B, AY-H6370B, AY-H6380B, AY-G6270B, AY-G6280B, AY-G6370B, AY-G6380B, DR-6280, CP-R27, AS-B01 SW	26-27
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Readers	125 kHz	PROX and goPROX	AY-K12C, AY-L12C, AY-H12C, AY-M12C, AY-Q12C, AYC-G60, AYC-F60, AYC-G64, AYC-F64, AY-M2B, AY-H2B, AY-L2B, AY-K2B, AYC-E65B/BG/BB, AYC-E60N/B, AYC-T65N/B, AYC-Q64B, AYC-Q60, AY-Z12A, DR-12C	31-35
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		Bio9000	AY-B9120BT, AY-B9150BT, AY-B9250BT, AY-B9350, DR-B9000, Bio9000 SW	45-46
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## Product Selection Guide

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		UHF Alien Higgs-3 Credentials		50
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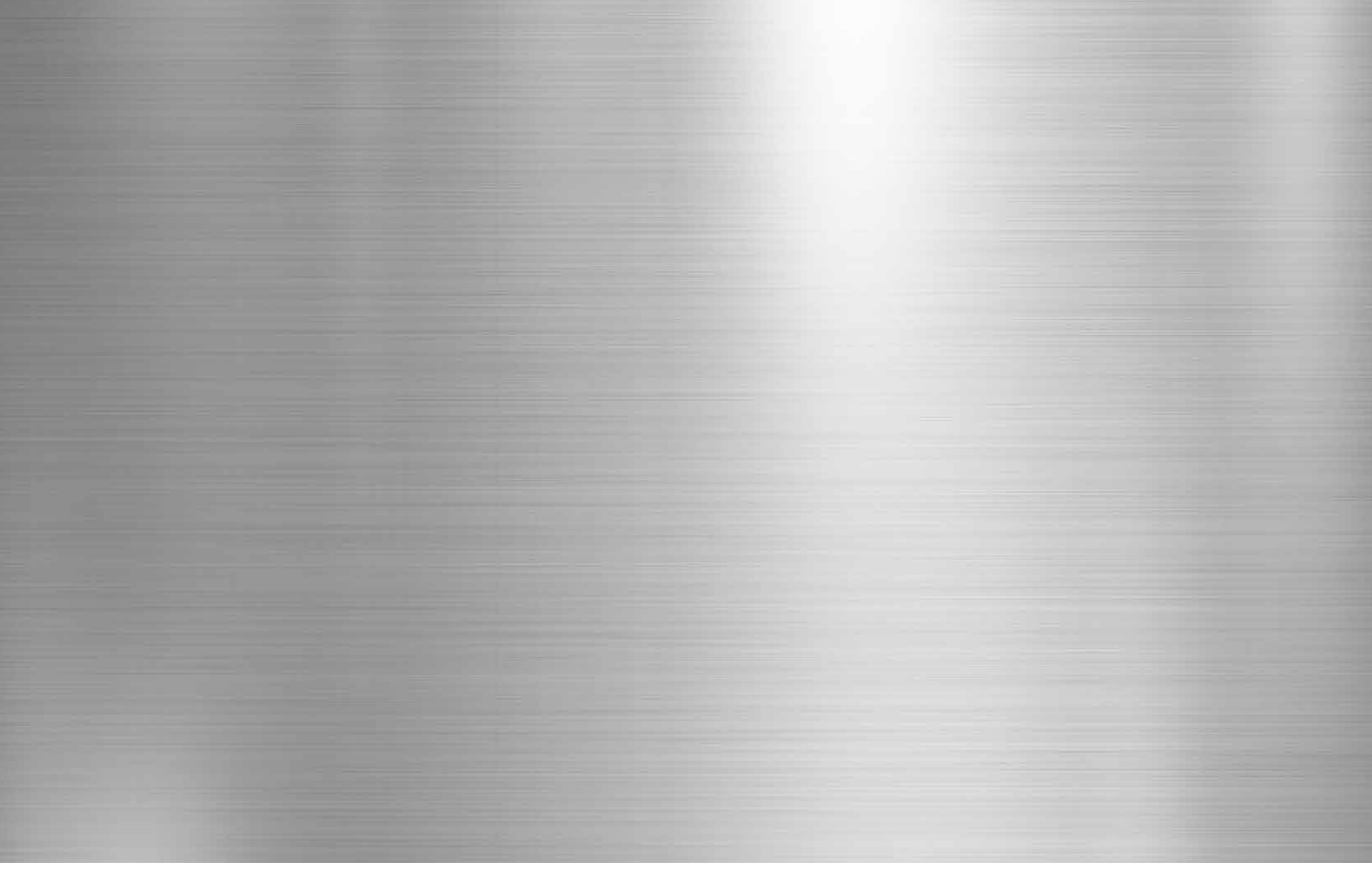
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