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.

SINCE 1989

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.

CERTIFIED ISO 9001 · CERTIFIED ISO 13485 · CERTIFIED ISO 14001 · RoHS · UL · CE · FC · TÜVRheinland CERTIFIED

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.

ACCESS CONTROL	PARKING MANAGEMENT	TIME & ATTENDANCE	CLEAN ROOM MANAGEMENT	GUARD MANAGEMENT
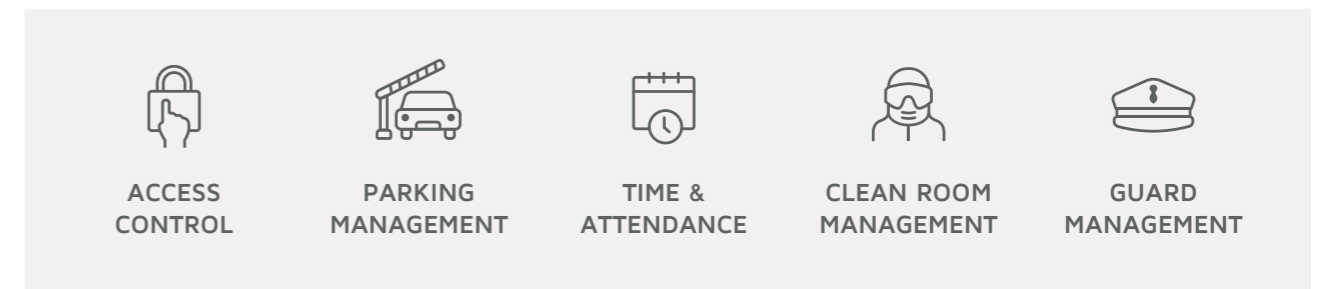
Software

Software

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.

Software

AxTraxPro's integration capabilities enable seamless connectivity with video surveillance, elevator control, intercom systems, biometric devices, and LPR. These integrations ensure that all components of the security infrastructure work harmoniously, providing comprehensive control and monitoring. Whether managing building access, identity verification, or vehicle entry, AxTraxPro unifies all systems into one efficient platform.

Video Integration

Milestone XProtect Access Control Plugin for seamless access control event management on the 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 make it ideal for large-scale network deployments.

AxTraxPro integrates with Hikvision MinMoe face and fingerprint terminals, IDEMIA SIGMA lite fingerprint terminals including secure Template On Card and VisionPass Face terminals.

Elevator Destination Control System

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

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

License Plate Recognition (LPR)

AxTraxPro integrates with LPR systems to streamline vehicle access and enhance security. This integration allows for automatic recognition of license plates using Hikvision or Avutec Wiegand enabled LPR cameras, enabling quick and secure entry for authorized vehicles while keeping unauthorized vehicles out.

Intercom Integration

AxTraxPro integrates with basIP Link cloud based intercom solutions to facilitate communication and enhance entry management. This allows for secure and efficient visitor verification, ensuring that only authorized individuals gain access to the facility.
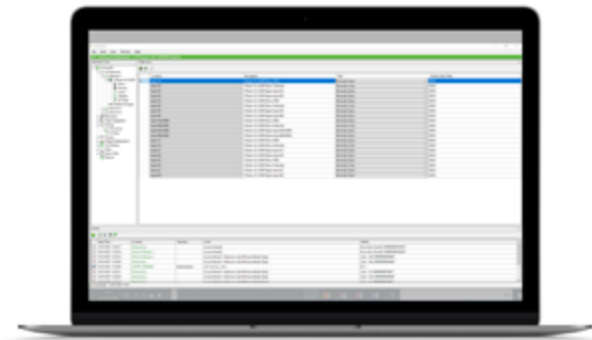
Software

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

Software

AxTraxPro™ Management Software – System Software Application & Licenses

Part Number	Description
AxTraxPro™ - PC Client/Server Management Software for Professional Networked Controllers	
AX-PRO-BASIC	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.
AX-PRO-STANDARD	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.
AxTraxPro™ - Add on modules for additional Access Points. (Standard Package Only)	
AX-PRO-AP-002	Add on module for 2 Access Points
AX-PRO-AP-004	Add on module for 4 Access Points
AX-PRO-AP-008	Add on module for 8 Access Points
AX-PRO-AP-016	Add on module for 16 Access Points
AX-PRO-AP-032	Add on module for 32 Access Points
AX-PRO-AP-064	Add on module for 64 Access Points
AX-PRO-AP-128	Add on module for 128 Access Points
AX-PRO-AP-256	Add on module for 256 Access Points
AX-PRO-AP-512	Add on module for 512 Access Points
AxTraxPro™ - Additional web client local operators. (Standard Package Only)	
AX-PRO-WEB-04	Additional 4 web client local operators
AX-PRO-WEB-08	Additional 8 web client local operators
AX-PRO-WEB-16	Additional 16 web client local operators
AX-PRO-WEB-32	Additional 32 web client local operators

AxTraxPro™ Video Integration Licenses

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

Software

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 Sigma and VisionPass Face 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 BAS-IP Link Server

Software

AxTraxNG™ Licenses

Part Number	Description
AxTraxNG™ - PC Client/Server Management Software for Professional Networked Controllers	
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
AxTraxNG™ with Hikvision Video Integration License	
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
AxTraxNG™ with Dahua Video Integration License	
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
AxTime™ Client for AxTraxNG™	
AX-TM	AxTime™ Time & Attendance PC Software Application for AxTraxNG™

Controllers
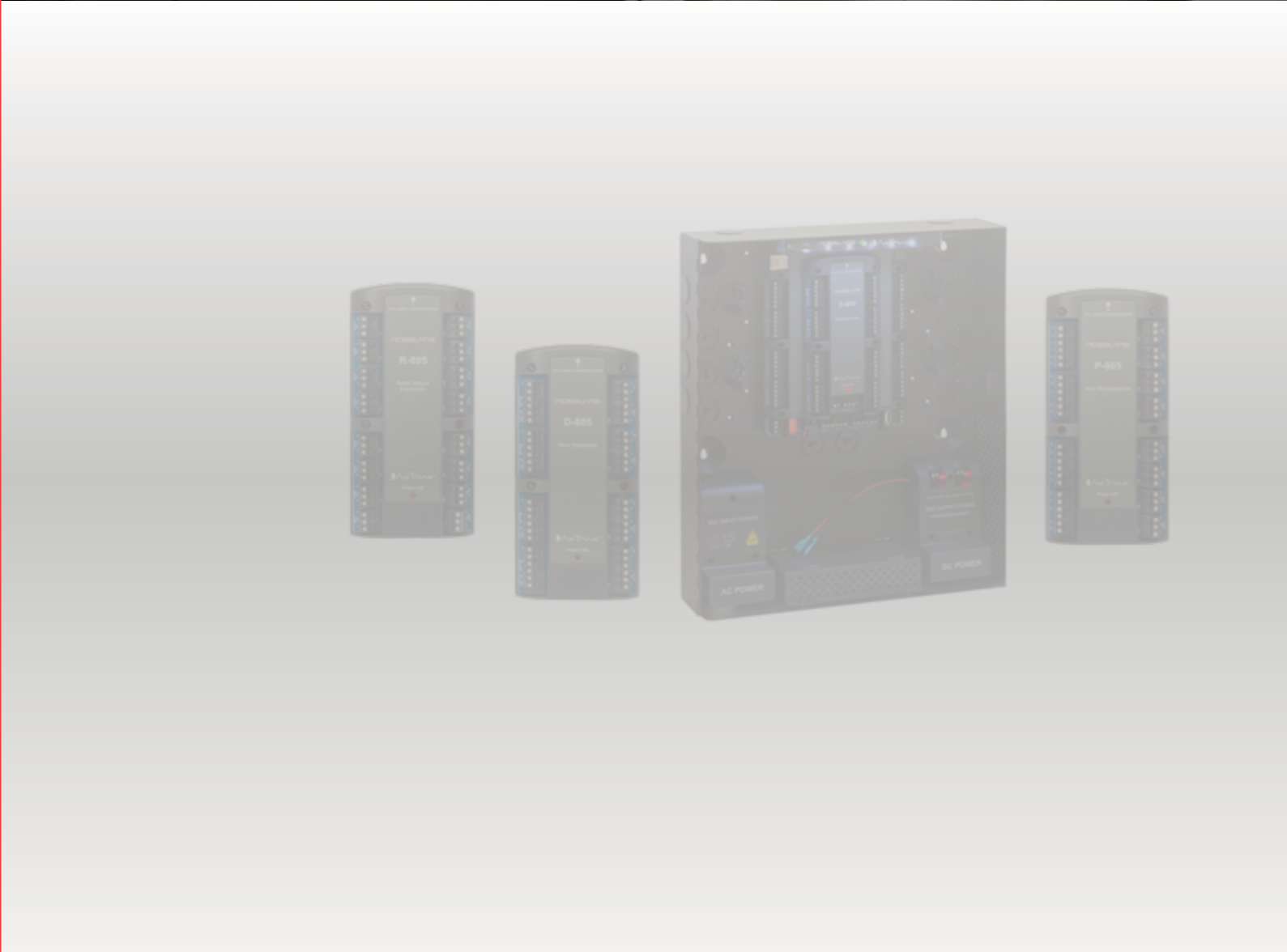
Controllers

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

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Controllers

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

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

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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

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Controllers

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

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

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

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/RSDP	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-IO84B	Expansion		8/4					12	98.2 g (0.21 lb)
R-805	Expansion		0/16	RSDP, OSDP V2				12	230 g (8.1 oz)
S-805	Expansion		16/0	RSDP, OSDP V2				12	150 g (5.3 oz)
D-805	Expansion	4	8/4	RSDP, OSDP V2	4			12	150 g (5.3 oz)
P-805	Expansion		16/8	RSDP, 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

Readers
Multi Technology

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

AY-H6255BT

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

AY-H6355BT

CSN SMART™ Smart Card Reader with Keypad, 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

Readers
Multi Technology

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

AYC-M6355

Convertible Smart Card Reader with Keypad

AYC-H6355

Convertible Smart Card Reader with Keypad

AYC-Q6355

Convertible Anti vandal 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

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

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

**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

CP-R27

DESFire EV1 /
MIFARE Classic EV1
Desktop Programmer

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

Configuration Tool

AS-B01
KEY FEATURES

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

DR-6280

MIFARE® CLASSIC
and DESFire EV1
Desktop Enrollment
Reader

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 easly configure to open key using a
  configuraiton card.

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

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

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

Readers
Single Technology

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

AYC-G64
Mullion PIN Convertible
Reader/Controller

AYC-F60
goPROX® & PIN
Convertible Reader/
Controller

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%

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

AYC-E65B/BG/BB

Convertible Ultra-Slim PIN/Proximity Reader/Controller

AYC-E60N/B

Convertible Ultra-Slim Mullion goPROX® & PIN Reader
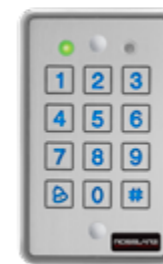
AYC-T65N/B

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

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®

Readers
Single Technology

PIN Code

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

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	Encription	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

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

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)

Biometric Terminals

Biometric Terminals

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

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

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

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.
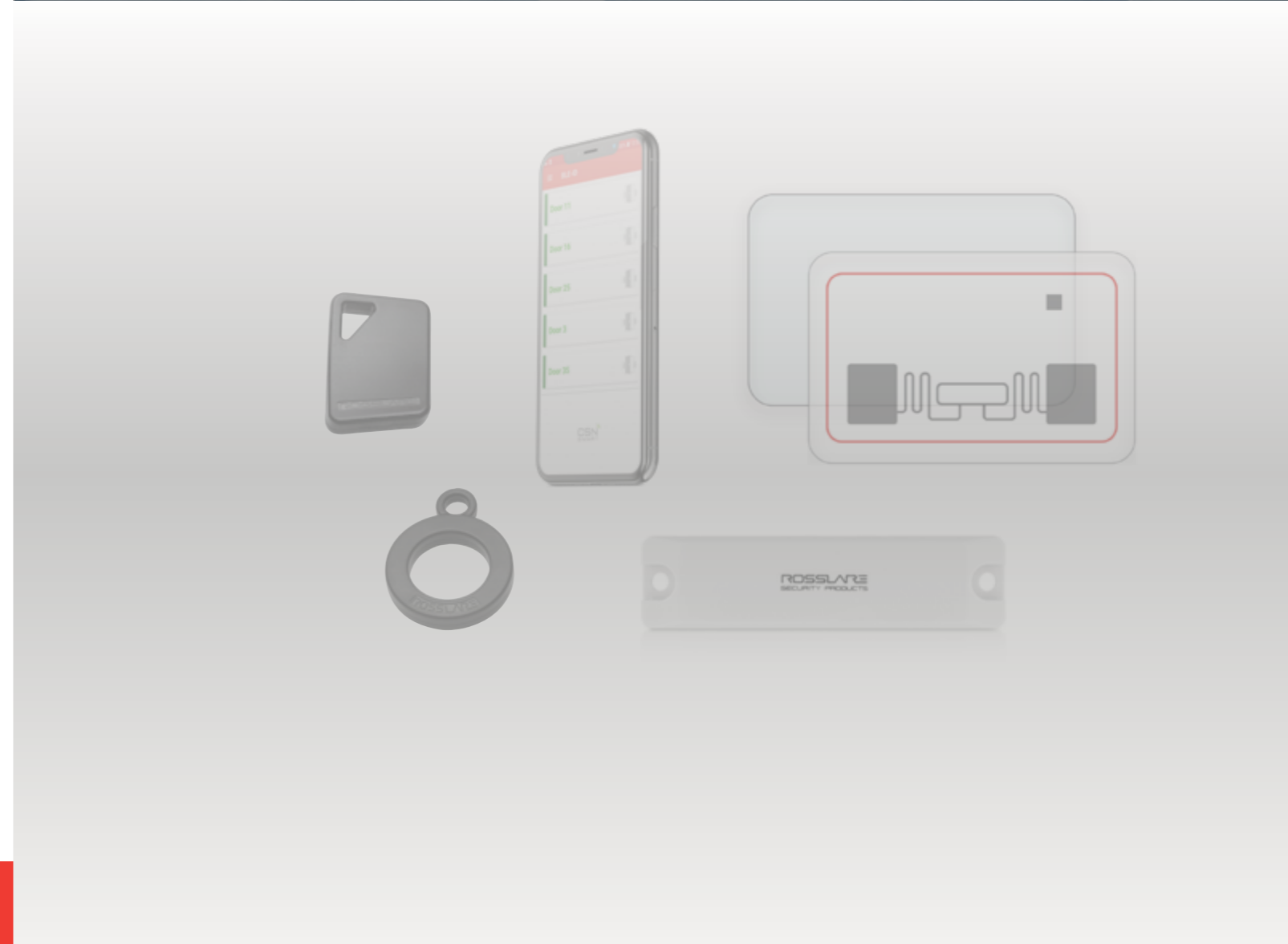
Credentials

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.

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

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

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

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 Programmed	ISO18000-6C	64 Bytes	Tamper Paper Label	Not Formatted	No ID Printed
	AT-Z4S-000-0001	Not Programmed	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-7TL0	Not Programmable	EM	Read-Only	Key Fob (Twist)	Wiegand 26-bit	Laser Engraving – FC & Card ID (decimal)

Accessories
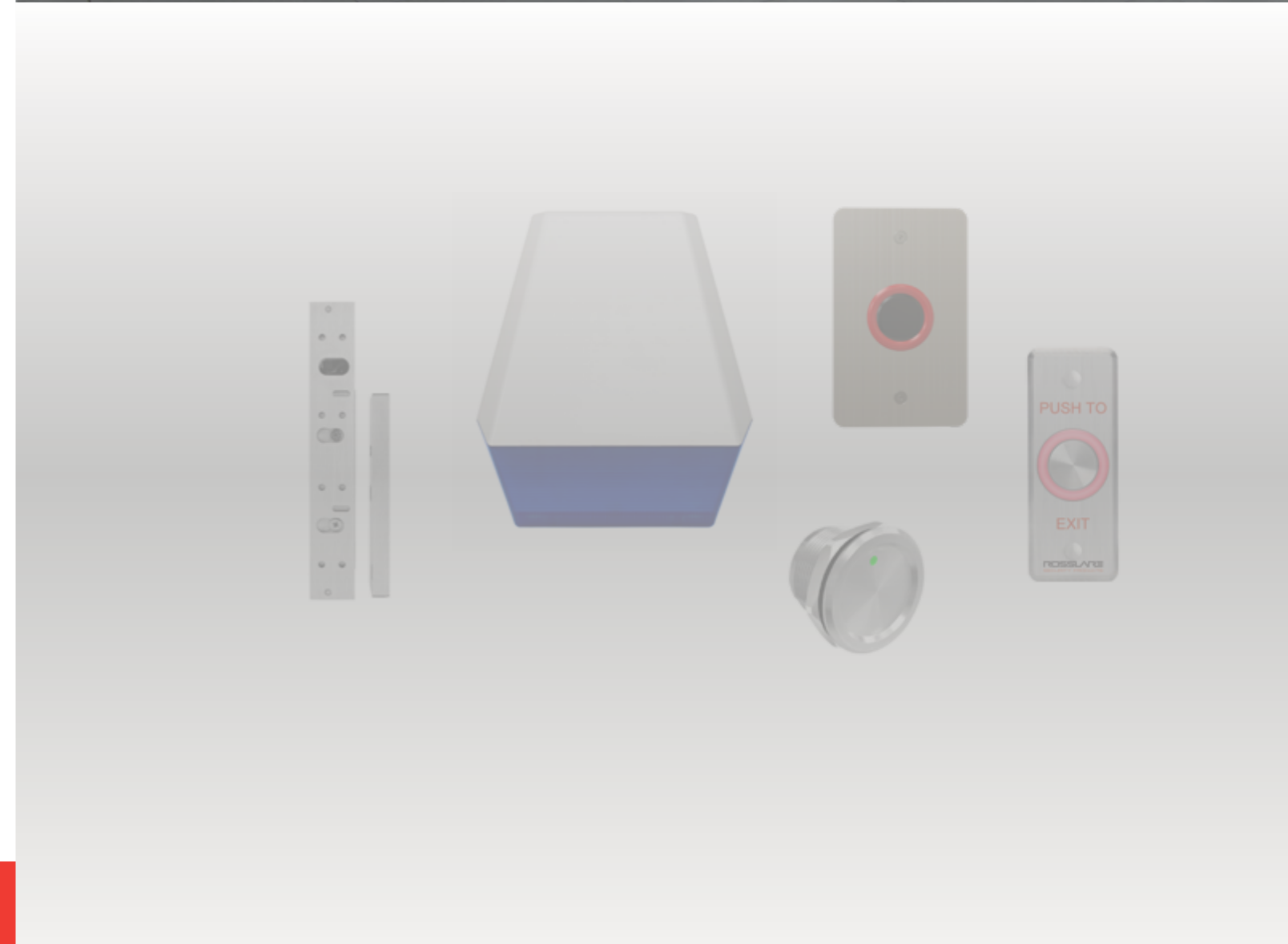
Door Accessories

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-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

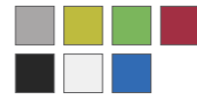Plastic Switch with "PUSH TO EXIT" lettering

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

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

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

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

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

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

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

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 withing the secure premises

Accessories

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

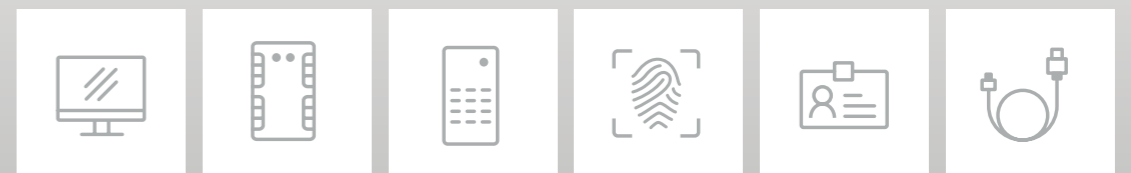| Product	Device type	Type	Holding Force (pound)	Door compatibility	Operating Voltage (VDC)	Weight
LK-M03	Maglock	Lock	136kg (300lb)		Dual 12 / 24 VDC	Main 0.63 kg (1.39 lbs) Contact 0.25 kg (0.55 lb)
LK-M06L	Maglock	Lock	272kg (600lb)		Dual 12 / 24 VDC	Main 1.22 kg (2.7 lbs) Contact 0.66 kg (1.45 lbs)
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)

Accessories

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

Product
Selection
Guide

Software	AxTrax Platform	Server	AxTraxPro™	6
			AxTraxNG™	8
		Modules	AxTime™	8
		Integrations	AxTraxPro™ Integrations	7
	License Table			9-11
Controllers	Networked Control Panels	Control Panels	AC-825IP, AC-215-B/215IP-B, AC-225-B/225IP-B, AC-425-B/425IP-B	14-15
		Expansion Boards	R-805, D-805, S-805, P-805, MD-D02B, MD-D04B, MD-IO84B	14-15
		Enclosures	ME-1015, ME-1515	16
	Small Access Controllers	Entry-Level	AC-115	17
		Standalone	AC-Q41HB/SB, AC-Q42HB/SB, AC-Q44, AC-T43, AC-S43, AC-F43, AC-F44, AC-G43, AC-G44, AC-D32	18-19
	Technical Specifications			20
Readers\n\nMulti Technology	13.56 MHz & 125 kHz	Multi-Smart™	AY-K35	22
	13.56 MHz	CSN SMART™	AY-H6255BT, AY-H6355BT	23
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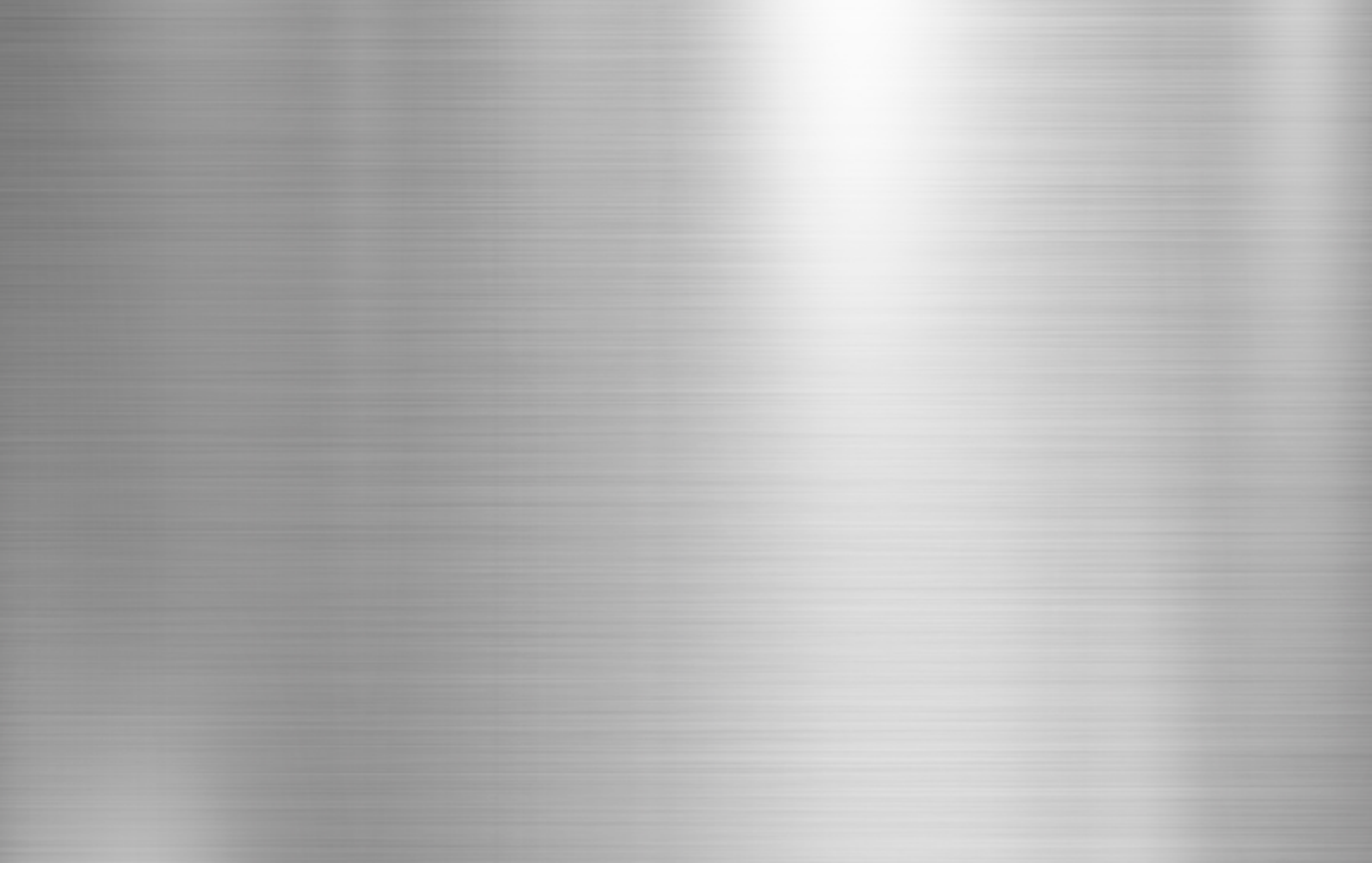Support: support.la@rosslaresecurity.com

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