

Aries Smart



PRODUCT:

The electronic trim set Aries Smart, of ISEO Zero1 product range, can be easily rekeyed with a Bluetooth Smart Ready phone: cards, tags or phones can be intuitively added or deleted with Argo, the ISEO smartphone application running on iOS or Android.

APPLICATION:

Aries Smart, thanks to the flexible and simple installation, can be fit on most doors, and it is conceived to be used with the majority of mechanical locks. Argo App, available for iOS and Android smartphones, allows to add new opening devices like cards, tags or phones, retrieve events logs, delete lost/stolen credentials, and update Aries Smart to new software features.

The IP 55 "All Weather" Aries Smart version is suitable for outdoor installations on external doors. Aries Smart combined with Argo App is suitable for private houses, apartment blocks, light commercial (offices, single entrance of commercial, server rooms, etc...).

KEY POINTS:

Aries Smart is an electronic trim set with a Multistandard ISO 14443 A/B reader. It can be fit on most doors and it is conceived to be used also with the majority of mechanical locks, for the utmost installation flexibility.

Aries Smart can be provided in two versions:

- IP54 for protected installations (internal doors)
- IP55 for outdoor installations (external doors).

Battery operated with connectivity to Bluetooth Smart Ready devices without any plugin to be installed neither on the electronic trim set nor on the smartphone.

It can be opened by RFID cards and Bluetooth Smart Ready phones (iOS and Android).

Lost or stolen keys can be quickly deleted with Argo, an intuitive smartphone application available for:

- iOS from iPhone 4S with iOS 7.
- Android from version 4.3 (Jelly Bean) featuring Bluetooth Smart Ready hardware.

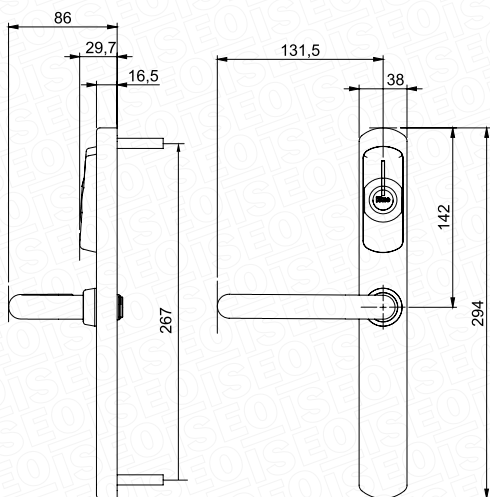
The battery operation and cableless technology makes Aries Smart the perfect solution for access management, ensuring utmost flexibility and low installation costs both on new and existing doors.

Its 38 mm narrow profile allows for a simple installation on any door (wooden, aluminum, metal, PVC and so on), together with locks with a backset of only 25 mm.

The nylon underplate allows to install Aries Smart electronic trim set (in combination with locks with backset minimum 40 mm), in replacement of old mechanical handles covering any holes on the door.

All electronic and mechanical devices are inside the trim set and installation only requires 3 holes on the door: one for the handle follower and one for the two fixing screws. This ensures a rapid, simple and harmless installation even on existing doors.

Minimal and stylish, with several finishes, ARIES easily adapts to any type of environment, from classical to modern.



TECHNICAL FEATURES:

Multistandard RFID

reader at 13,56 MHz
ISO 14443 A/B (compatible with Mifare Classic, Mifare Plus and Mifare DesFire)

Patented system for Wake up by RFID
card or Phone to optimize power consumption

Communication interface:

- Bluetooth Smart
- RFID Near Field Magnetic Communication

Real Time Clock/Calendar

Main batteries:

- 2 AA 3.6 Vcc lithium batteries
- CR2016 lithium battery backup

Battery life:

- Up to 5 years (*)
- Up to 50.000 opening (*)
- 3 levels battery charge detection

Emergency override cylinder:

- High Security Iseo R90 Factory Monoprofile
- Up to 3 mechanical recodings
- Usage detected by electronics
- KA on the same installation

External emergency power supply:

- For installations with no override cylinder
- Connector under external cover plate
- Standard 9V battery usage

Follower/cylinder center distance:

- 70, 72, 85 and 92 mm

Signalling:

- LEDs: 1 Green, 1 Red; Buzzer

Privacy device (optional):

- Ergonomic knob
- Signal reset after each door opening

Aries Smart

MAIN FUNCTIONS:

- Operates with Iseo cards or Legacy Mifare cards
- Memorizes up to 300 users (cards or phones)
- Stores the last 1000 events
- Connects via Bluetooth Smart to a Bluetooth Smart Ready phone
- Battery life up to 50.000* openings with battery low warning signal
- Allows passage mode (office mode) without extra battery consumption
- Remote opening and communication with Bluetooth Smart Ready phone up to 10 meters
- Software upgrades on site via Bluetooth Smart Ready phone
- Multistandard contactless RFID readers ISO14443/A and ISO14443/B - 13,56 MHz
- Wake up by RFID card detection (patented) or Real Time Clock
- Energy-friendly, battery-operated device
- Battery charge status
- Real Time Clock/Calendar
- Handle movement detection
- Emergency mechanical key detection
- Privacy signal
- Narrow profile (38 mm)
- Compatible with most mechanical lock
- Quick and easy installation
- Light and acoustic signals
- On-site software upgrading
- IP55 version for outdoor installation

OPEN WITH ARGO:

Argo is the ISEO App allowing you to open doors as well to easily manage access authorizations. Argo runs in any Bluetooth Smart Ready phone with iOS or Android. There is no additional software to install: it is just your door lock and the Argo App. It works even without any internet connection as the Argo App connects directly to the doorlock with the latest encryption protocols ensuring the highest security in data transfers.

USERS CAN OPEN DOORS:

- with phone
- with phone protected with pin code
- with phone from remote up to 10 meters
- and still with cards or tags

IN ADDITION THEY CAN:

- temporarily block the standard users allowing access only to VIP users
- set the door in passage mode (office mode)
- get early notification of availability of new software for the doorlock.

ADMINISTRATORS MANAGE ACCESS AUTHORIZATIONS TO DOORS:

- with phone
- with phone protected with pin code
- with phone from remote up to 10 meters
- and still with cards or tags

IN ADDITION THEY CAN:

- temporarily block the standard users allowing access only to VIP users
- set the door in passage mode (office mode)
- get early notification of availability of new software for the doorlock.



TECHNICAL FEATURES:

Finishes:

- Inox
- Polished Inox
- Satin brass (PVD)
- Polished brass (PVD)
- AntiGerm (on request)

Handle:

- Safety "U" shaped profile
- Left or right hand to be set during installation

Mechanical locks compatibility:

- 7, 8 or 9 (**) mm handle follower
- Center distance follower/cylinder 70, 72, 85 and 92 mm
- Backset: minimum 25 mm
- European profile cylinder hole
- Latchbolt only or automatic deadbolt function

Door thickness:

- 40 - 85 mm (standard accessories)
- 85 - 120 mm (special accessories)

Environmental characteristics:

- Operating temperature: -20°C + +60°C
- Storage temperature: -25°C + +75°C
- Protection system (IP grading): IP54 or IP55

Dimensions:

- Plate width: 38 mm
 - Plate length: 294 mm
 - Plate thickness: 17 mm
 - Handle length: 131 mm from plate center
 - Weight: 1530 gr
- Suitable for use in fire/smoke resisting door assemblies

(*) Depending on usage, environment, options.

(**) With adaptor.

ARIES SMART CONFIGURATIONS:

With and without privacy device;

- With mechanical emergency key override:
 - Hidden cylinder (under the external cover);
 - Visible cylinder (85 mm center distance).

Without mechanical emergency key override (external emergency power supply);

Black plastic underplate (70 mm width);
IP54 version for protected installations or IP55 version for outdoor installations.

EN179 certification available in combination with specific locks;

Version for installation with panic devices EN1125 certification available in combination with specific panic devices and locks.

MIFARE is a NXP Semiconductors-owned trademark. **iOS** is a mobile operating system developed by Apple Inc. **iPhone** is a line of smartphones designed and marketed by Apple Inc. **Android** is a mobile operating system developed by Google Inc. **Bluetooth Smart** is a wireless technology designed and marketed by the Bluetooth Special Interest Group.