

AIR2ONE / AIR2FOUR

Furniture Locking & Security Controller



Scan me !



Performance

Furniture Access Controller with integrated and optional external RFID Key reader. The **ultra compact size** and the integrated reader allows mounting directly behind the furniture front panel.

Acoustic and **visual signals** guide you intuitive through all steps of operation and setup. **Coded and labelled connectors** make installation self explanatory.

The integrated reader **reduces the number of components**, and the ultra compact size is record breaking. Show Case design which is utilizing these advantages benefits from **drastic reduced cost** for components and installation.

Optional Security Features can be activated at any time later, based on a subscription plan.

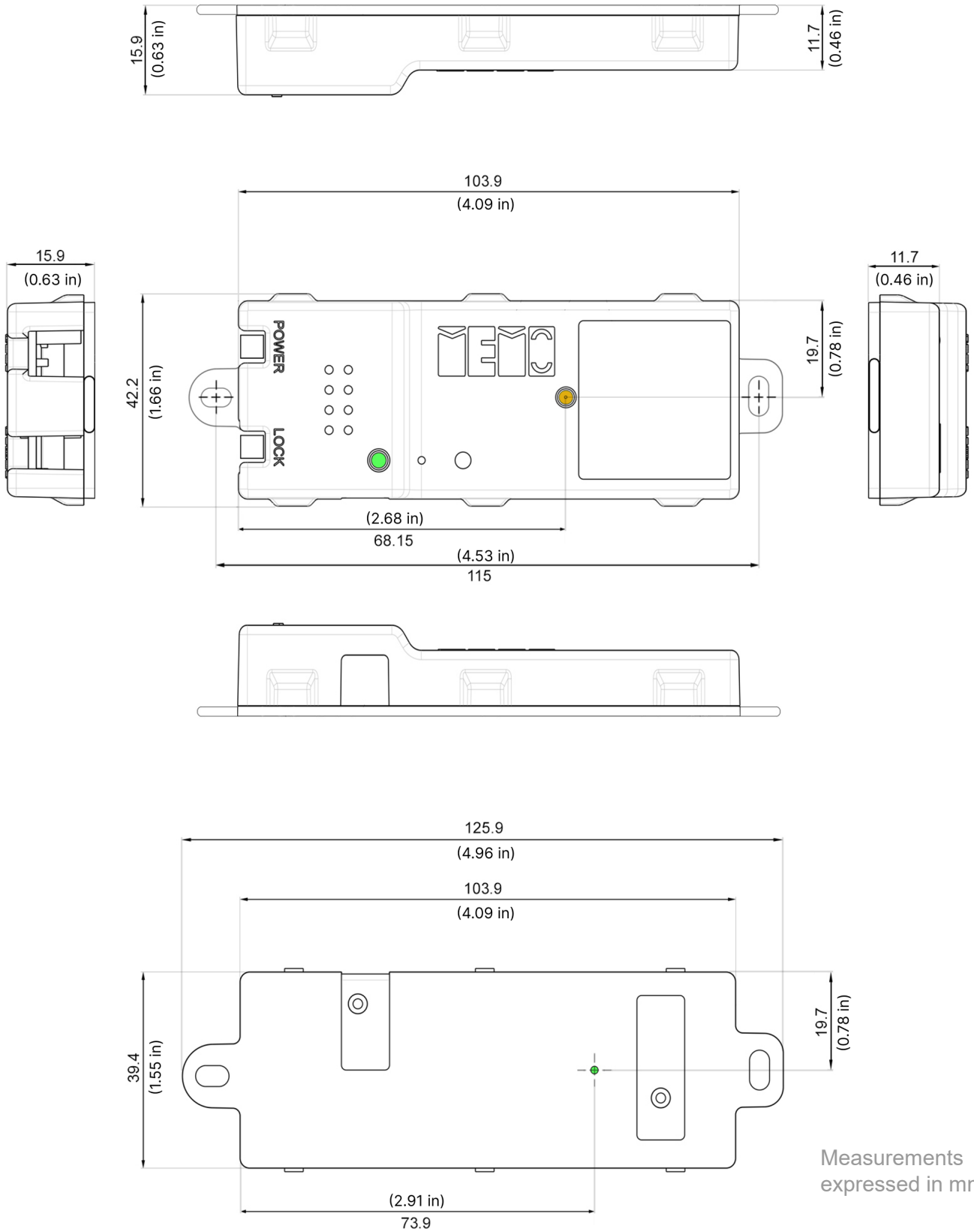
Technical Data

Dimensions (LxWxH)	125.9 x 42.2 x 15.9 (mm)
Input Voltage	12V DC \pm 10% (External Power Supply)
Power Dissipation	Typical 4W, Maximum 10W
Temperature Range	10 °C to 50 °C
Protection Rating	IP20
Controlled Outputs	1pc. (dry contact + lock driver)
Volt-Free Contact Maximum Voltage	24V
Volt-Free Contact Maximum Current	20 mA
Load Driver Output Voltage	Power Supply Voltage
Load Driver Output Current	1.1A - Fuse Protected
Alarm Sensor Inputs	1

Features

Overvoltage Protection	Yes
Over Current Protection	Yes
Audio Feedback	Onboard Speaker
Visual Indicator	2 x RGD LED (Top and Bottom)
Network Functions	Secure BLE Mesh between nodes
Configuration and Management	Android or iOS Mobile Application, Programming & Erasing & Configuration Cards
Emergency Opening Support	Yes
Security Opening with Door Control	Yes, by optional Subscription Plan
Certifications	CE, FCC, ROHS

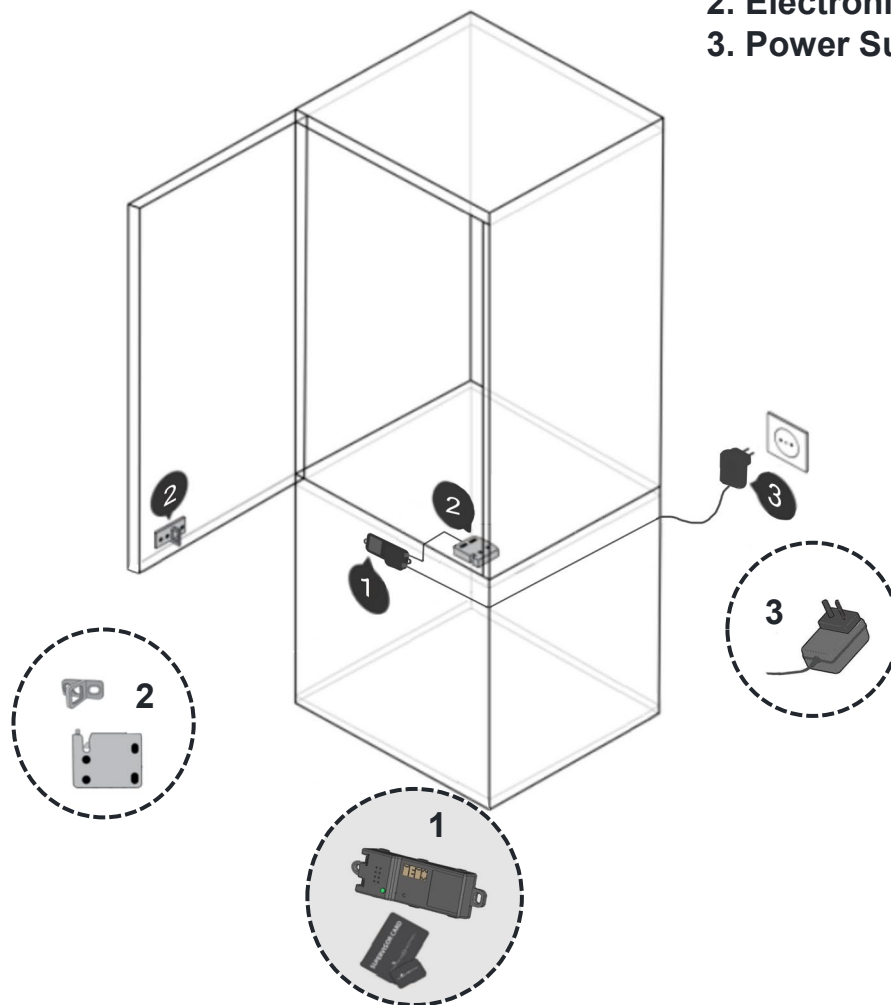
Dimensions



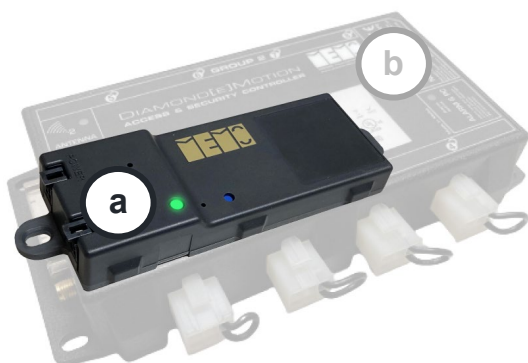
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Installation Example

1. Controller
2. Electronic Lock + Latch
3. Power Supply



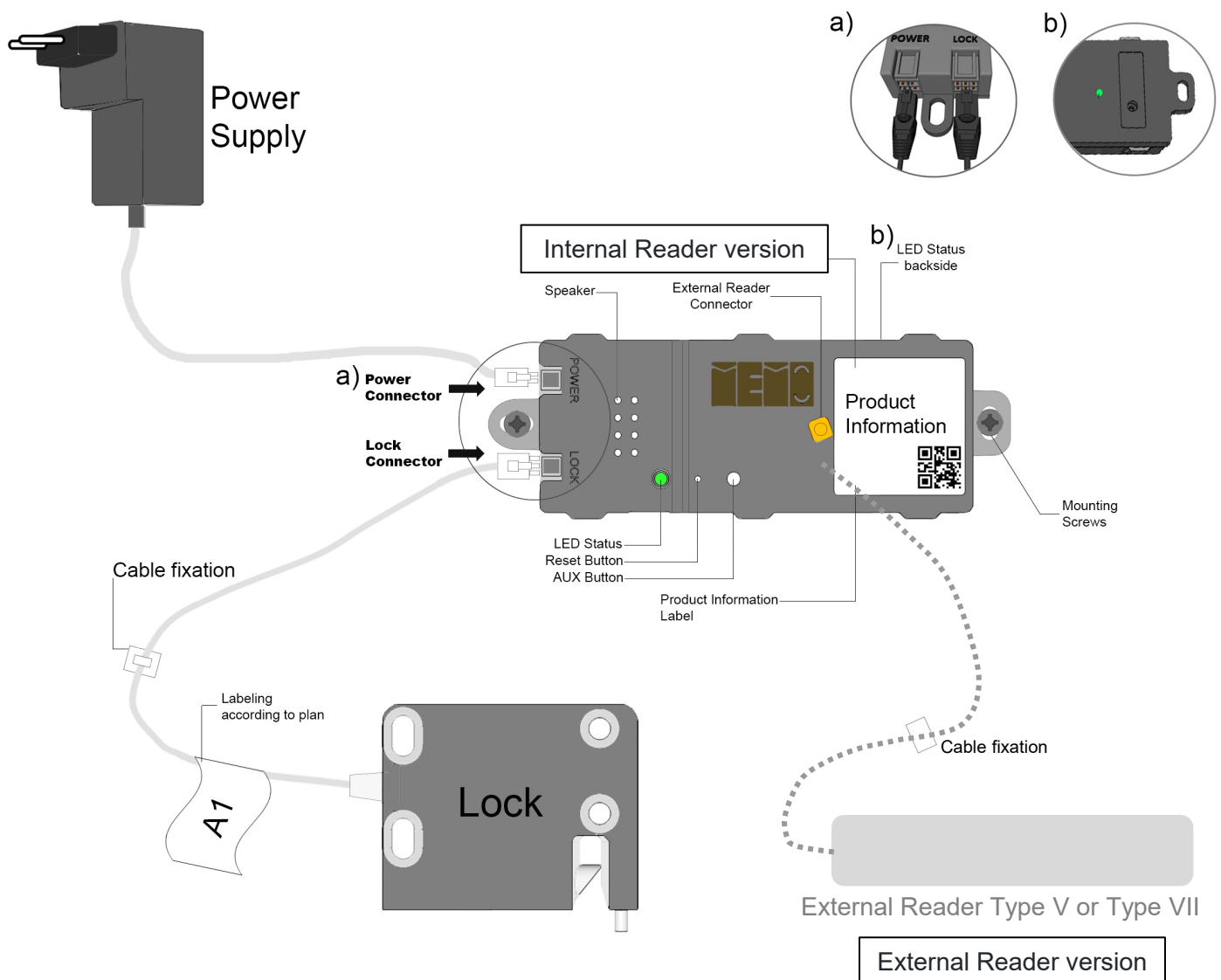
Size Comparison



- a** AIR2ONE Controller – 1 Lock Driver
- b** DIAMOND[E]MOTION – 8 Lock Driver

Connections

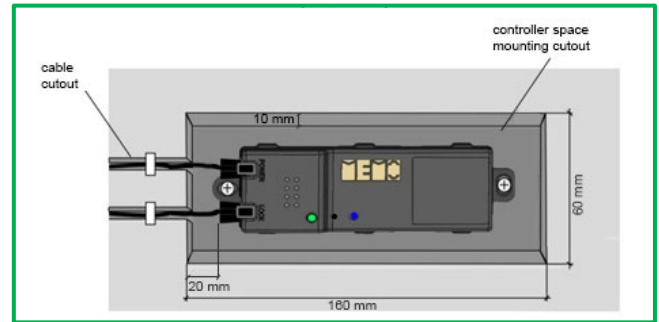
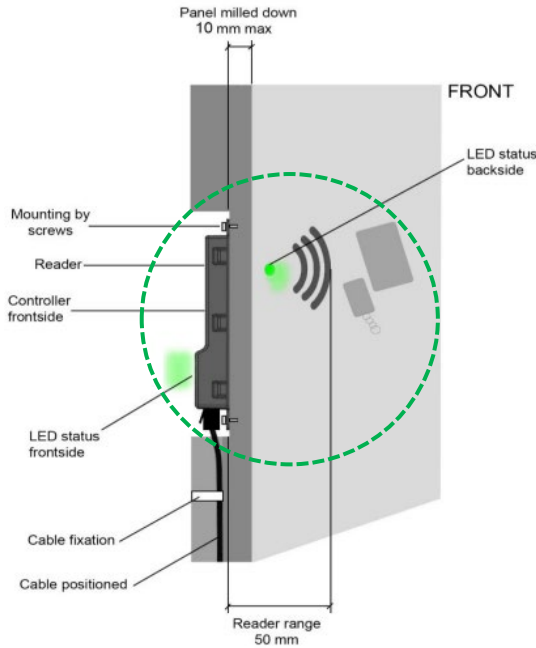
INTERNAL READER – dark grey
EXTERNAL READER – light grey



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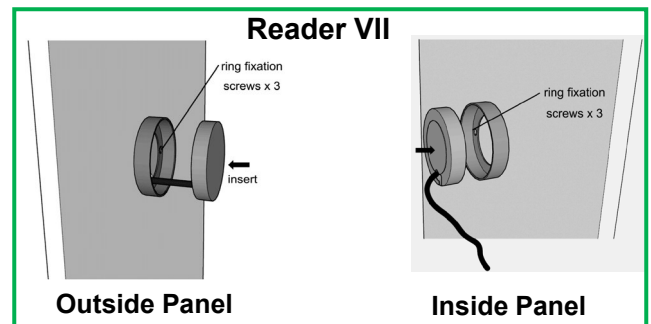
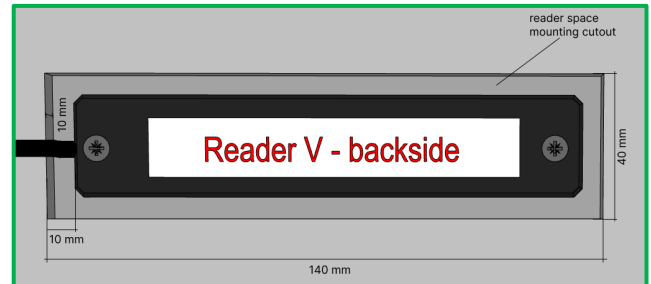
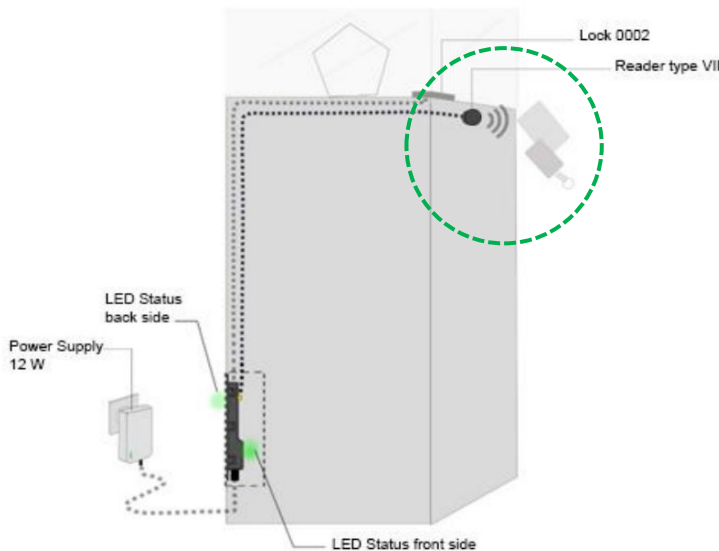
Recommended

Air2One – Internal Reader Version



Mounting of controller may require recessed milling to achieve appropriate reading range – Maximum panel thickness 20mm – recommended thickness 10mm. Restrictions for RFID limiting materials apply* !

Air2One – External Reader Version



Applications that do not allow mounting of controller behind front panel or any other location that allows convenient key presentation benefit from the external reader option. See the accessories data sheet for available reader types.*

* Metal, mirrors, paint with metal particles and similar materials may shield the Reader signal and require individual tests on prototype furniture

Air2One Family – Variations

MI-CON-0001I-AIR

- Integrated RFID Key Reader
- Soundmodule & LED signaling
- 1pc. MEMO Universal Output Driver
- Bluetooth and WIFI Connectivity
- APP & Card Key Management and Configuration
- SECURITY OPTION Subscription Plan



MI-CON-0001E-AIR

- 1pc. Connector for **External Reader**
- Soundmodule & LED signaling
- 1pc. MEMO Universal Output Driver
- Bluetooth and WIFI Connectivity
- APP & Card Key Management and Configuration
- SECURITY OPTION Subscription Plan



MI-CON-0001-AIRMIN

- 1pc. Connector for External Reader
- Soundmodule & LED signaling
- 1pc. MEMO Universal Output Driver
- Bluetooth and WIFI Connectivity
- APP & Card Key Management and Configuration
- SECURITY OPTION Subscription Plan



ARTICLE NUMBER – PRELIMINARY Q1/24

- **2pc. Connectors for External Reader**
- Soundmodule & LED signaling
- 2pc. MEMO Universal Output Drivers
- Bluetooth and WIFI Connectivity
- APP & Card Key Management and Configuration
- SECURITY OPTION Subscription Plan



ARTICLE NUMBER – PRELIMINARY Q1/24

- **4pc. Connectors for External Reader**
- Soundmodule & LED signaling
- 4pc. MEMO Universal Output Drivers
- Bluetooth and WIFI Connectivity
- APP & Card Key Management and Configuration
- SECURITY OPTION Subscription Plan



Air2One Family – FURNITURE LOCK Types

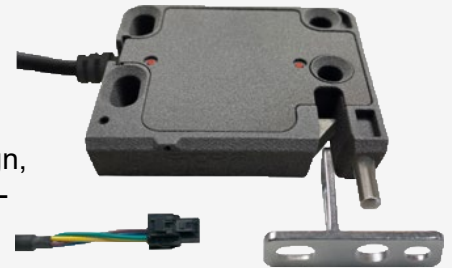
Motor Furniture Lock MI-MMV1-0002-12HSAIR

HIGH SECURITY motor lock with Door Monitor Option, full metal design, 3m connection Cable with fix miniature connector, Door Holding Spring, Stainless-Steel High-Power Latch



2002 AIR2 Motor Lock MI-MMV1-2002-12HSAIR

ECONOMY Motor lock with Door Monitor Option, reinforced resin design, 3m connection Cable with fix miniature connector, Stainless-Steel High-Power Latch



Electric Furniture Lock – Magnetic Door Sensor MI-MMV1-0923-AIR

ECONOMY Magnetic Lock with Door Monitor Option, 3m connection Cable with fix miniature connector, no door latch included!



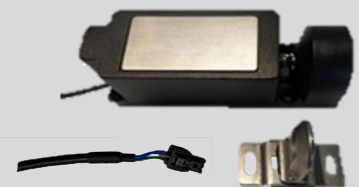
Electric Furniture Lock – Magnetic Door Sensor MI-MMV1-1001-AIR

ECONOMY Magnetic Lock with Door Monitor Option, 3m connection Cable with fix miniature connector, steel door latch included!



Electric Furniture Lock – Magnetic Door Sensor MI-MMV1-1051-AIR

ECONOMY Magnetic Lock with Door Monitor Option, 3m connection Cable with fix miniature connector, steel door latch included!



Air2One Family – OPEN WATCH DISPLAY LOCK-Types

Vertical Cushion Lock **MI-MMV1-0013-12AIR**

CUSHION SET for horizontal installation, facing towards viewer, BASE with Dual Flip PIN + Cushion Tub and HIGH SECURITY LOCK 0002 for connection with AIR2-Controller Family, Color grey paintable, Cushion Base prepared for upholstery – upholstery NOT included!



Angled Cushion Lock **MI-MMV1-0019-12AIR**

CUSHION SET for angled installation, parallel to installation panel, BASE with Dual Flip PIN + Cushion Tub and HIGH SECURITY LOCK 0002 for connection with AIR2-Controller Family, Color grey paintable, Cushion Base prepared for upholstery – upholstery NOT included!



Flat Cushion Lock **MI-MMV1-0020-12AIR**

CUSHION SET for vertical installation, parallel to installation panel, BASE with Dual Flip PIN + Cushion Tub and HIGH SECURITY LOCK 0002 for connection with AIR2-Controller Family, Color grey paintable, Cushion Base prepared for upholstery – upholstery NOT included!



Air2One Family – EXTERNAL READER Types

Reader Type V MI-ANT5-0001-03AIR

Flat, slim and compact reader for recessed installation. 3m connection cable attached, extension cable can increase cable length. Material limitations regarding Reader signal blocking by metal apply, strictly follow MEMOs mounting instructions.



Reader Type VII MI-ANT7-0001-03AIR

Round, slim and compact reader for recessed installation. 3m connection cable attached, extension cable can increase cable length. Material limitations regarding Reader signal blocking by metal apply, strictly follow MEMOs mounting instructions.



Air2One Family – POWER SUPPLY

Power Supply 12 W AIR MI-PSY-0012-12AIR

Wall Plug Power Supply with 1m cable and INTERNATIONAL Wall Plug Set, Covering 90% of countries and provides highest number of security approvals for worldwide use.

