

Air2One Integrated Reader Controller

Furniture Access & Security Controller

Article Number: MI-CON-0001I-AIR



FURNITURE ACCESS Controller with integrated RFID Key reader – ultra compact size allows mounting directly behind the furniture front panel. The device provides acoustic and visual status information and simple connectivity by labelled connectors for the lock and power supply. Connectivity to one lock, supporting the full range of MEMOs furniture lock types.

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Optional:

- A wide range of SECURITY FEATURES configurable via mobile APP(Android or iOS).
- BLUETOOTH mesh for wireless network.
- WIFI settings to benefit from the optional MAINTENANCE & STATISTICS package.

Technical Data

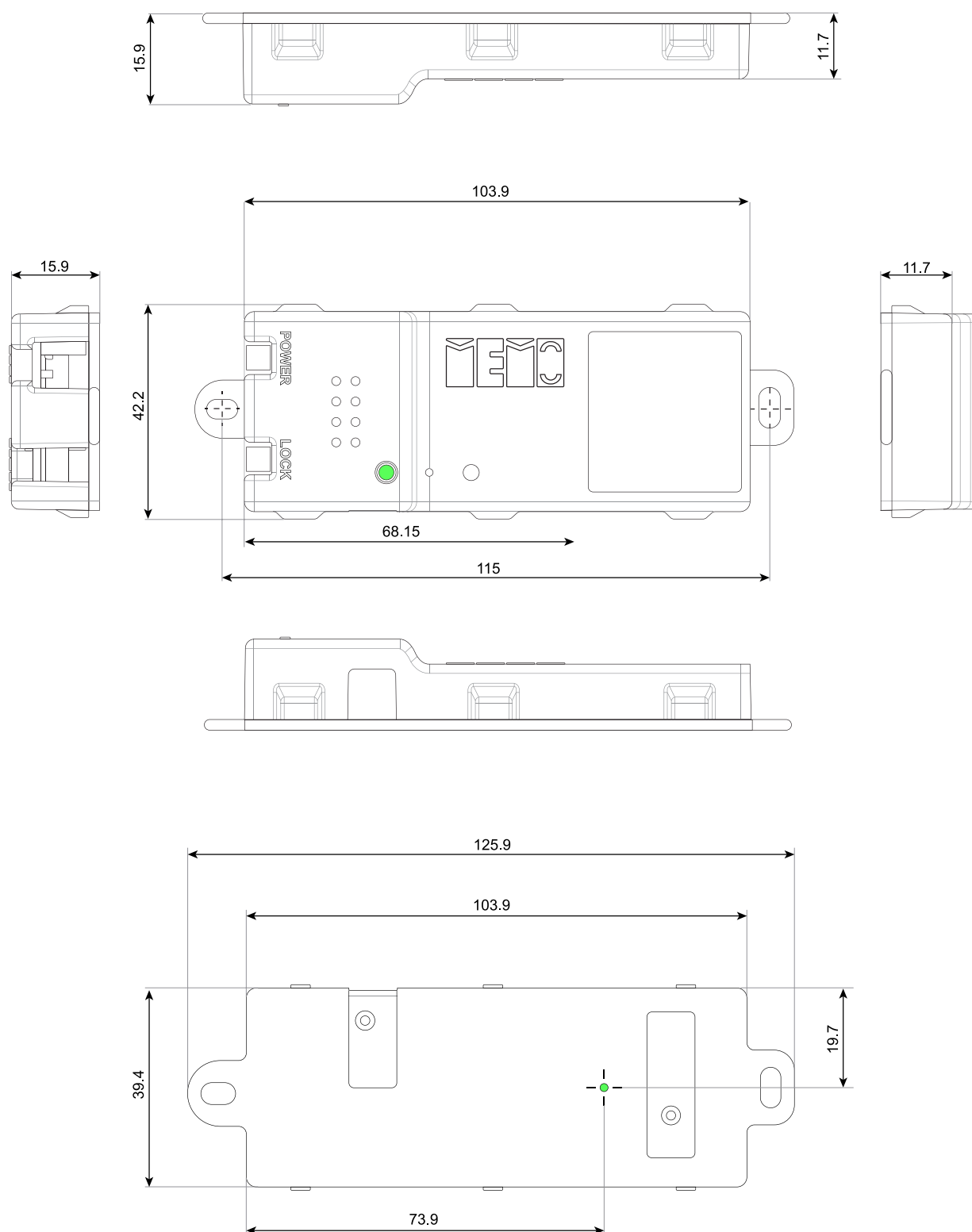
Dimension	125.9 x 42.2 x 15.9 (mm) / 4.95 x 1.66 x 0.62 (inch)
Input Voltage	12 V DC $\pm 10\%$ (External Power Supply)
Power Dissipation	Typical 4W, Maximum 10W
Temperature Range	10°C – 50°C
Protection Rating	IP20
Controlled Outputs	1 (1 volt-free contact + 1 load driver parallel)
Volt-Free Contact Maximum Voltage	24V
Volt-Free Contact Maximum Current	20mA
Load Driver Output Voltage	Power Supply voltage (Fuse Protected 1.1A)
Alarm Sensor Inputs	1

Features

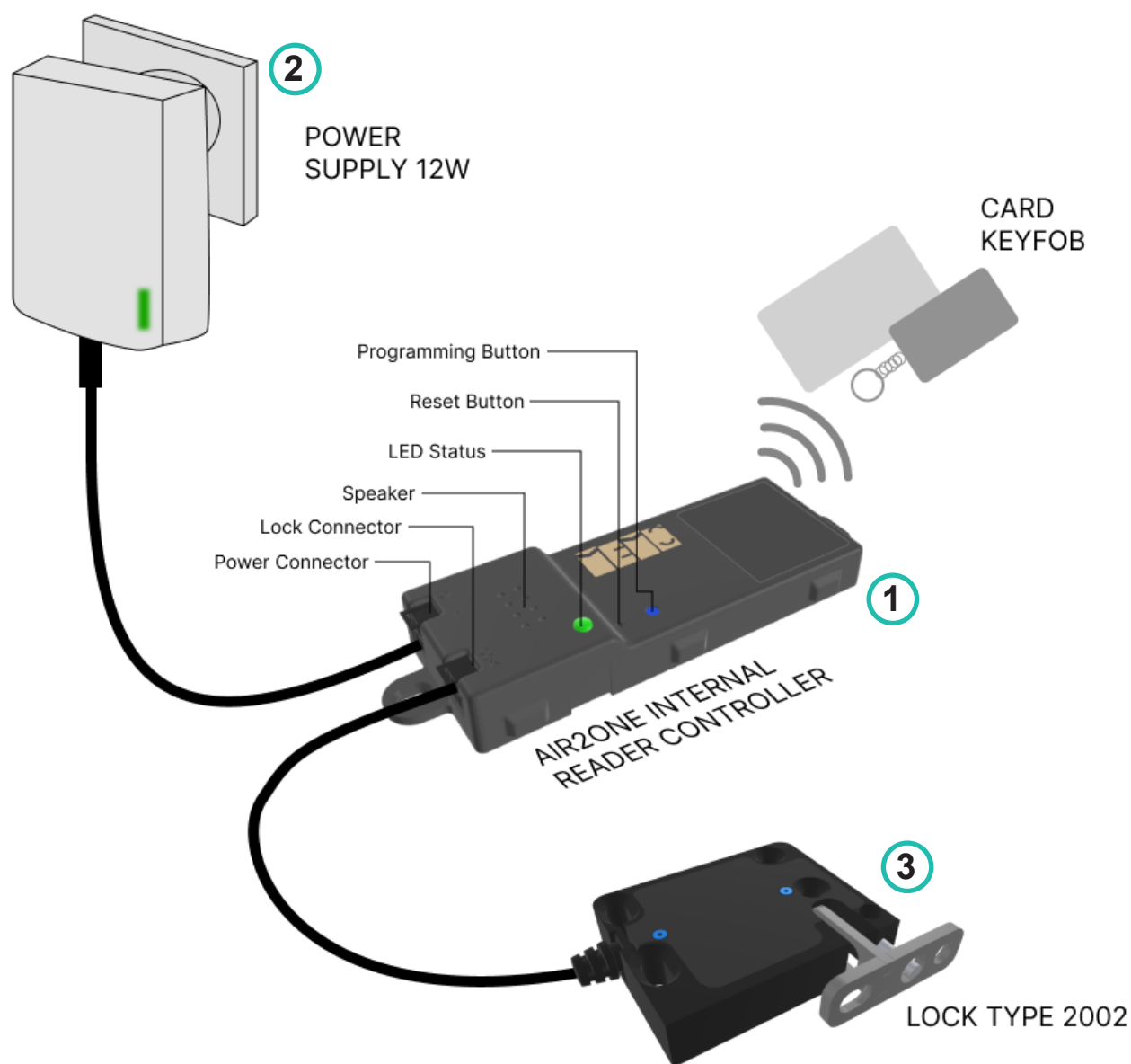
Overvoltage Protection	YES
Over current Protection	YES
Audio Feedback	Onboard 8 Ohm Speaker
Visual Indicator	2 x RGB LED (Top and Bottom)
Network Functions	Secured BLE MESH between nodes
Configuration and Management	Android or iOS Mobile application
Emergency Opening Support	YES
Security Opening with Door Control	YES
Certifications	CE, FCC, ROHS

Air2One Internal Reader Controller

Dimension



Dimensions expressed in mm
Tolerance ± 0.5 mm

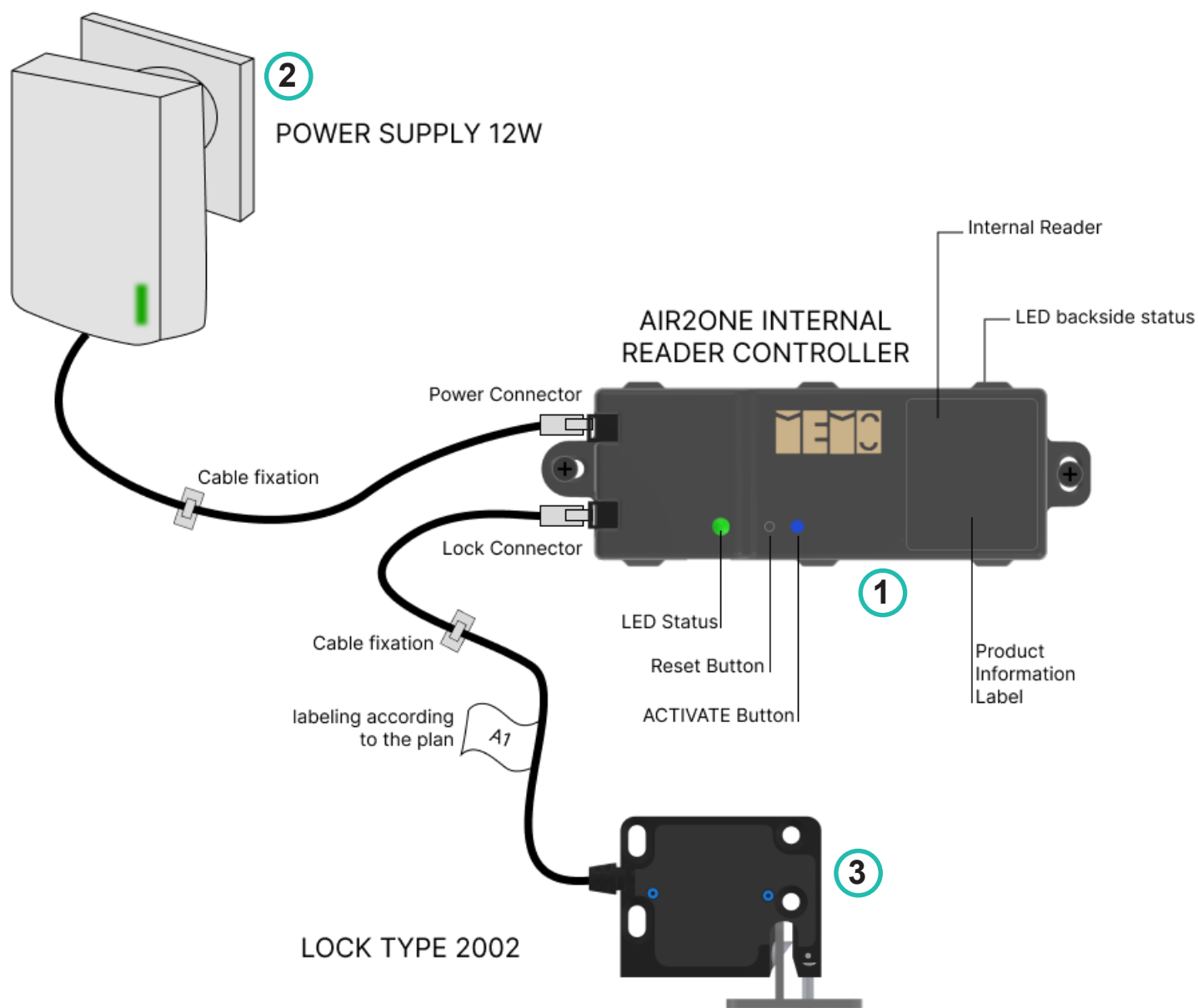


1. Air2One Controller - Internal Reader

2. Power Supply WW 12W

3. Electronic Lock 2002

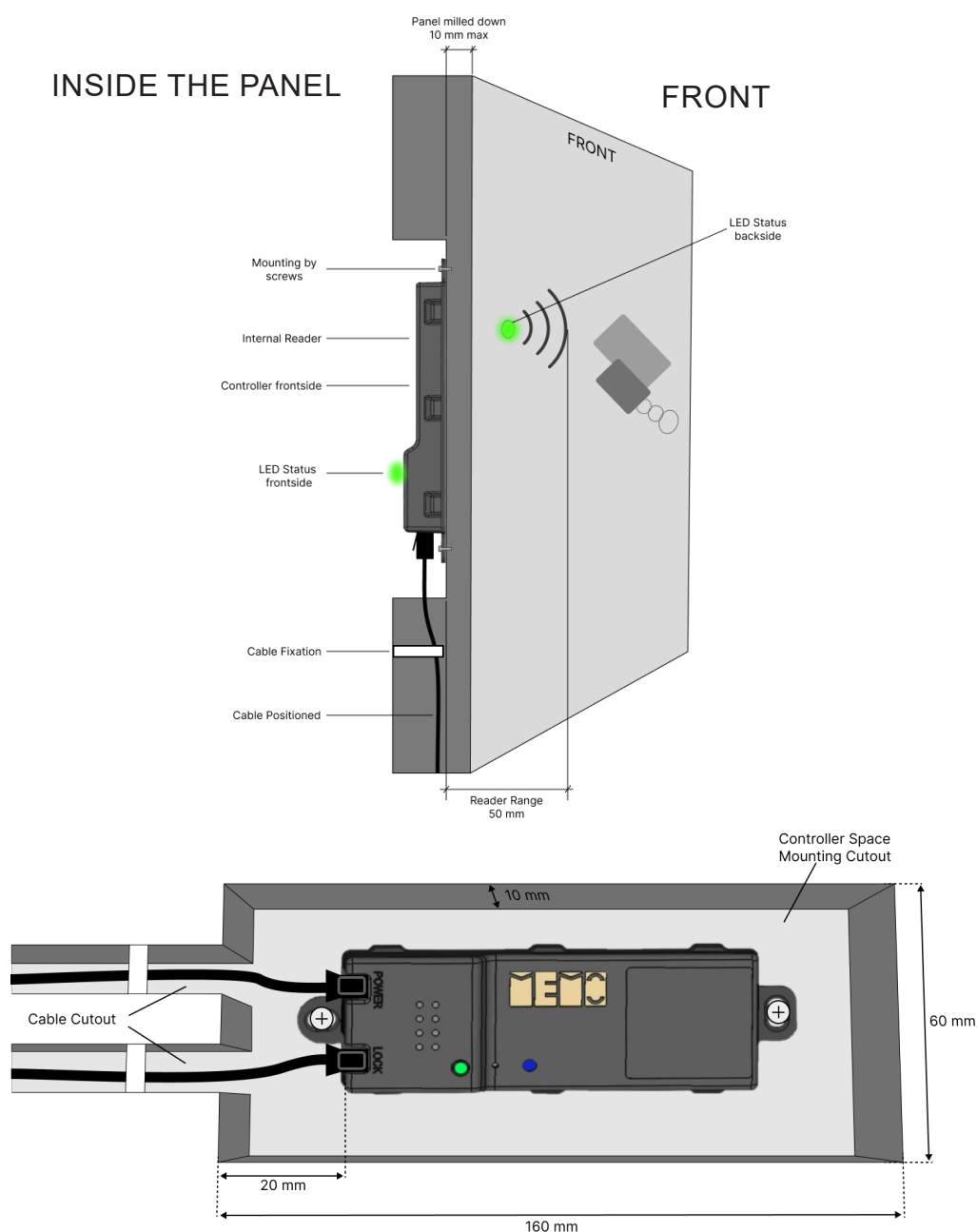
Integrated Reader



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Air2One Internal Reader Controller

Mounting Recommendations



Air2One Controller must be fixed flat and close



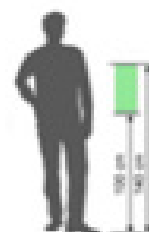
Do NOT bend cable sharper than 10 mm



Never mount without cable fixation



NO metal parts within 10 mm



Recommended mounting height

AIR2-LINE FAMILY

1.Lock Types

MOTOR LOCK - DOOR SENSOR



MI-MMV1-0002-12HSAIR



MI-MMV1-2002-12HSAIR

b) MAGNETIC LOCKS - DOOR SENSOR



MI-MMV1-0923-12AMAIR



MI-MMV1-1051AIR

c) OWD's



FLAT



ANGLED



VERTICAL



2.Power Supply



PSY3-0012-12AIR
Power Supply 12W



PSY5-0040-12AIR
Power Supply 40W

3. External Readers



MI-ANT3-0001-03AIR
Reader Type III



MI-ANT5-0001-03AIR
Reader Type V



MI-ANT7-0000-03AIR
Reader Type VII