

# M1 SERIES

M1 offers the state of the art Radio Frequency (RFID) technology and stable mechanical design to ensure guest satisfaction.

M1 has wisely developed installation system to make the lock exactly fit to the door. After the first correct installation F1 will never move on the door. The technical service maintenance will follow this installation to prevent wrong installations.

M1 use original Philips NXP Mifare 13.56Mhz RFID Chipset and Texas Instruments MCU.

Anti-Cloning technology, Europe and US std mortise options.

Hidden mechanical override key option in case of emergency.



## ELECTRONIC (PCB) Specifications

ME

BEST  
ME  
Extended

Frequency

13.56 MHZ

13.56 MHZ

Detection Method

Mikrowave

Mikrowave

Log Capacity

240

980

Log Reading

by Card

by Hand Terminal

Temperature

-15 C / 60 C

-15 C / 60 C



| Model | Mortise (Lock Body) Features |                     |               |             |                   | Battery Type | Motor      | Weight |
|-------|------------------------------|---------------------|---------------|-------------|-------------------|--------------|------------|--------|
|       | Mortise                      | Min. Door Thickness | Mortise Depth | Center (mm) | Mortise Thickness |              |            |        |
| M1    |                              |                     |               |             |                   |              |            |        |
| E2    | Euro                         | 32 mm               | 85 mm         | 55 mm       | 26mm              | 4xAA         | In Mortise | 2,15   |
| A3    | ANSI                         | 36 mm               | 90 mm         | 62 mm       | 26mm              | 4xAA         | In Mortise | 2,35   |

# M1 Series Mortise Options

A1 - A2  
Mortise

E-2  
Mortise

E3-E1  
Mortise

K6-K7  
Mortise

|                         |     |       |       |       |       |
|-------------------------|-----|-------|-------|-------|-------|
| Anti Friction Latch     |     | ✓     | ✓     | ✗     | ✓     |
| Anti-Pick (Theft) Latch | Yes | ✓     | ✓     | ✗     | ✗     |
| Deadbolt                |     | ✓     | ✓     | ✓     | ✗     |
| Anti-Panic Exit         |     | ✓     | ✓     | ✓     | ✓     |
| Auto-Locking Function   |     | ✗     | ✗     | ✓     | ✗     |
| Min Door Thickness      |     | 40 MM | 30 MM | 30 MM | 32 MM |
| Cylinder Type           |     | ANSI  | EURO  | EURO  | EURO  |
| Electronic DND Function |     | ✓     | ✓     | ✓     | ✓     |

## M1 RFID ELECTRONIC LOCKING System Features

- ISO/IEC 14443 Reading Technology
- Stable reading speed
- Long Battery Life. Microwave card detection
- Texas Instruments/Atmel MCU inside
- Works with paper card, ISO cards, wristbands, keychains etc
- Even dia 14mm paper label cards can be identified
- Powered by 4pcs of Alkaline AA-AAA batteries. 2 years battery life
- Led and sound alerts
- Non-volatile memory; records last 240(980 optional) openings include mechanical override
- Classic Hotel Lock Desing
- Up to 65.000 rooms in one project and UNLIMITED masterkeying possibility
- Compatible with Windows XP/7/8 and Windows 10
- Network based , MSSQL, system offers unlimited client and reseption desk/encoder

## Body / Lock Features

- SUS 304 Stainless Steel Body
- Optional Outdoor 316 Marine/PVD Quality
- Special Installation System to ensure the stability
- Very easy to maintain.
- Extra Strong Desing
- EUR 55x72,EUR 45x85 , Knob or ANSI Mortise Options
- Compatible with upto 120 min. Fire rated doors
- CE, FCC, ISO
- Anti-Friction Latch
- DND Function and Anti-Panic Function
- Anti-Pick ( Theft ) Latch
- EUR Std Cylinder for E1-E2 Mortises
- ANSI Special Cylinder for A1-A2 Mortises

