



# STAFFORD Robust Commercial Smart Lock

Intelligent, fire, water and dust-resistant smart lock, combining user-friendly raised buttons with disability compliance.



Australian Registered Design  
No. 202513269

[mcgrathlocks.com.au](http://mcgrathlocks.com.au)

# Technical Specifications

## Hardware

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| Colour               | Matt black or satin nickel                                    |
| Type                 | Timber door, aluminium door                                   |
| Door thickness       | 35mm-55mm                                                     |
| Durability test      | 300,000 cycles                                                |
| Material             | Aluminium alloy with raised buttons and tempered glass screen |
| Lock case dimensions | 260mm (H) x 45mm (W) x 23mm (D)                               |
| Spindle size         | 8mm                                                           |

## Enrolment and Verification

|                    |                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------|
| Unlocking method   | PIN code, RFID credential (Mifare), Bluetooth, Wi-Fi (Gateway required), mechanical key |
| Support system     | Android - 4.3 /IOS 7.0 and above                                                        |
| Platforms          | TTLock, TTHotel                                                                         |
| App                | McGrath Locks                                                                           |
| Communication mode | Bluetooth 5.0 BLE and above                                                             |

## Lock Features and Functions

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| Length of password          | 4-9 digits (Minimum of 4 digits available when set via app)                           |
| Passage Mode                | Yes                                                                                   |
| Bluetooth capacity (eKeys)  | Unlimited                                                                             |
| PIN code capacity           | 250 codes (Some exceptions may apply)                                                 |
| RFID capacity               | 1000 (Some exceptions may apply)                                                      |
| Door Monitoring             | Door sensor provided for in app monitoring                                            |
| Emergency opening           | Oval cylinder mechanical key override, USB-C (Powerbank)                              |
| Batteries                   | 4 x AA Alkaline batteries (Not included)                                              |
| Stand-by power consumption  | <362uA                                                                                |
| Lock type                   | Tubular latches, Australian commercial mortice locks, ANSI and European mortice locks |
| Unlock time                 | 1.5s                                                                                  |
| Motor working current       | Less than 200mA                                                                       |
| Card working frequency      | 13.56MHz                                                                              |
| Battery life                | 12 months (Based on 10 uses per day)                                                  |
| Battery voltage             | 4.5V-9V                                                                               |
| Low battery warning voltage | Lower than 4.8V                                                                       |

## Operating Environment

|             |                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------|
| Environment | -20°C to 70°C                                                                                     |
| Humidity    | 0% - 80% RH                                                                                       |
| IP class    | IP66 on external lock housing                                                                     |
| Fire-rated  | 2 hour Firecore & E-Core compliance with dormakaba MS2602 mortice and McGrath Locks tubular latch |

## Warranty

Australian Registered Design No.

**24 months**

**202513269**

