



GRANGE Elegant Pull-Handle Smart Lock

A unique fingerprint smart lock for contemporary homes



Patent No. 2021101919

mcgrathlocks.com.au

Technical Specifications

Hardware

Colour	Matt black or Satin Stainless Steel
Type	Timber door, aluminium door
Door thickness	35mm to 60mm (can extend up to 100mm with additional tailbar)
Durability test	200,000 cycles
Material	304 Stainless Steel, Tempered Glass Screen with Fingerprint reader
Lock Case dimensions	Outside: 900mm (H) x 60mm (w) x 30mm (D). (67mm handle projection) Inside: 901.8mm(H) x 60mm (W) x 30mm (D). (85mm including turn knob)

Enrolment and Verification

Unlocking method	Fingerprint, 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)
Fingerprint capacity	100
Emergency opening	Rekeyable mechanical key override, USB-C (Power bank)
Batteries	4 x AA Alkaline batteries (not included)
Stand-by power consumption	<50mA
Lock type	SS304 adjustable 60 - 70mm anti-saw bolt
Unlock time	1.5s
Motor working current	Less than 200mA
Card working frequency	13.56MHz
Battery life	12 months w 4AA batteries (based on 10 uses daily) 24 months w 8AA batteries (based on 10 uses daily)
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	IP65 on external lock housing
Salt spray rating	300 hour salt spray tested for black finish 96 hour salt spray tested for Satin Steel finish

Warranty

24 months

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