JAL
DIGITAL SYSTEM

KEYLESS LOCKS
SMART DIGITAL LOCKS
SMART FURNITURE LOCK

More than furniture but safes
Fully comprehensive storing solution
Make unique and personal

Fingerprint Digital Lock
S80E45

Used in drawer and cabinet in hospital, office,school etc.

Fingerprint   Digital   High sensitivity

Black   Silver

Accessory parameters

LOCK CASE
Material: ABS
Size:
80*80*27mm

STRICKER PLATE
Material: ABS
Size:
80*27*21.5mm

Screws for lock case installation(KA3*35)
Screws for panel installation(KB3*25/30)
Screws for plate installation(PA4*12)
Screws for battery box installation(M2*12/M2*4)
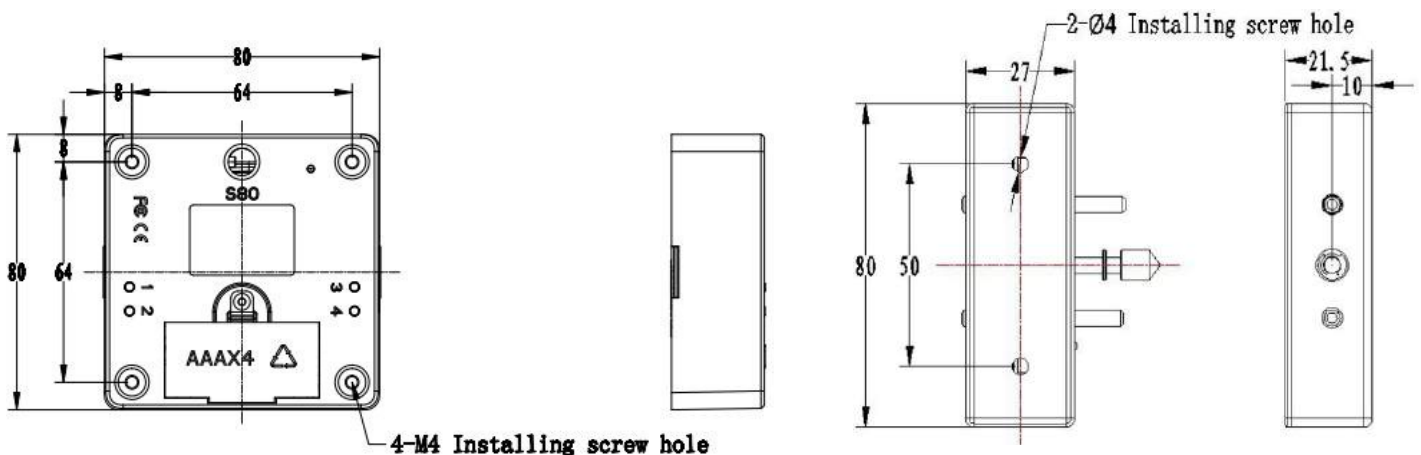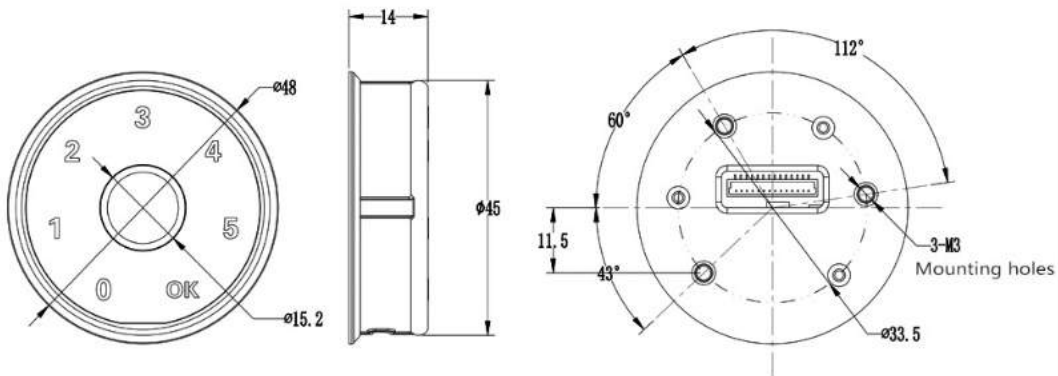
CONNECTING WIRE

Technical parameter

- Model: S80E45
- Color: black, silvery
- Material: Zinc alloy
- Battery: 4*AAA battery
- Supply voltage: 6V
- Quiescent current: <100uA
- Dynamic current: <200mA
- Low voltage alarm voltage: 4.5V
- Life time: >25,000 times opening
- Working temperature: -15℃ ~ +65℃
- Different working modes: public and private

Features

- Smart and keyless, fingerprint and password.
- Up to 100 fingerprints can add.
- The power supply use 4*AAA battery.
- Low power design, life time more than 1year.
- Low battery warning, Micro USB for emergency.
- Motorized mechanism automatically.
- Suitable for installation in drawer, cabinet, single door, double door and other wooden cabinets.
- Door thickness requirement>5mm, standard screw for 15-20mm thickness door.
- Hook alarming, when door did not close for 30s, the hook will alarm(could be disable).

Installation size

Fingerprint Lock
F022

Used in drawer and cabinet in hospital, office,school etc.

Fingerprint

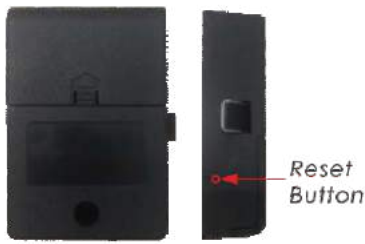High sensitivity

Wide range of use

>4000 HOUR

Low power design

F022B

F022W

Accessory parameters

LOCK CASE
Material:ABS
Size:
60×86×23.5mm

Reset Button

STRIKING PLATE
Material:ABS
Size:
73.3X24.2X12MM

SCREW
M4×25 (Panel)
ST3.5×16(Lock case)
ST3.5×20(Striking Plate)
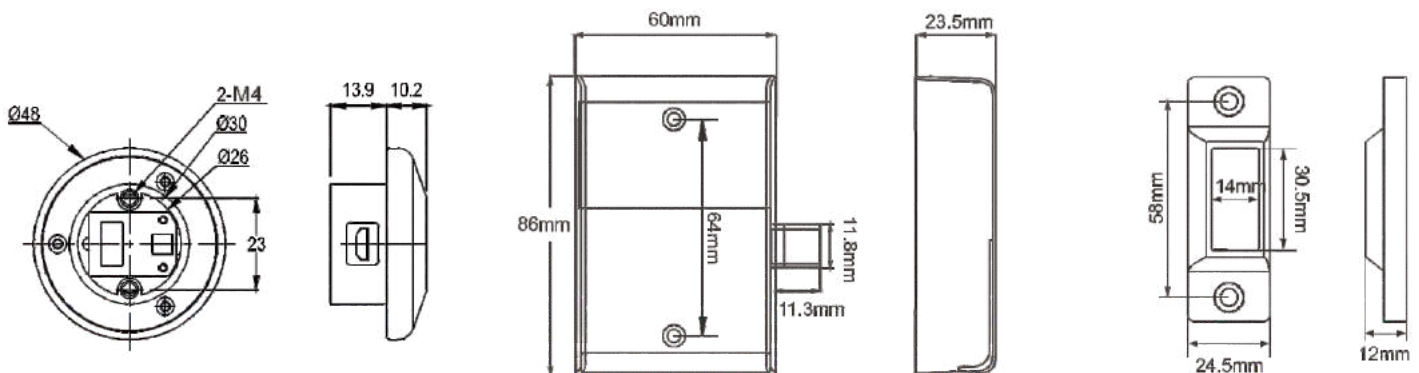
CONNECTING WIRE

technical parameter

- Model: F022
- Color: black, white
- Material: zinc aluminum alloy
- Battery: 3xAAA battery
- Supply voltage: 4.5V
- Quiescent current: ≤20uA
- Dynamic current: ≤220mA
- Low voltage alarm voltage: 3.6V ± 0.2V
- Life time: >20,000 times opening
- Working temperature: 0℃-55℃
- Working humidity: 20%-80% RH

Features

- Smart and keyless, fingerprint control.
- Up to 20 fingerprints can add.
- The power supply uses 3xAAA battery.
- Low-power design, life time more than 1 year.
- Low battery warning, Micro USB for low battery.
- Motorized mechanism automatically.
- Suitable for installation in drawer cabinets, single door, double door and other wooden cabinets.
- Door thickness requirement >5mm, standard screw for 15-20mm Door panel.

Installation size

PANEL

LOCK CASE

STRIKING PLATE

Fingerprint Lock
F040

Used in drawer and cabinet in hospital,
office,school etc.

Fingerprint	High sensitivity	Wide range of use	Low power design

>4000 HOUR

Accessory parameters

LOCK CASE
Material:ABS
Size:
87.7×63.7×22mm

STRIKING PLATE
Material:ABS
Size:
56.5X29.5X42MM

SCREW
ST2x8(Panel)
ST3x12(Panel)
ST4×35(Lock case)
ST4×20(Striking Plate)
ST4×16(Striking Plate)

WASHER
Material:ABS
Size:
45×22×2.7mm

technical parameter

- Model: F040
- Color: black
- Material: ABS
- Battery: Rechargeable lithium battery
- Recognition time: <300Ms
- Service life: >1 million
- Working temperature: -20ºC-70ºC
- Working humidity: 40%-85% RH

Features

- Smart and keyless, fingerprint control.
- Up to 20 fingerprints can add.
- The power supply uses Rechargeable lithium battery.
- Low-power design, life time more than 1 year.
- Motorized mechanism automatically.
- Suitable for installation in drawer cabinets, single door, double door and other wooden cabinets.
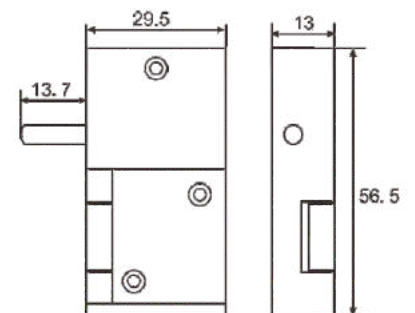- Door thickness requirement >15mm, standard screw for 15-20mm Door panel.

Installation size

30.20 mm
30.20 mm
7.40 mm
13.55 mm
14.80 mm

PANEL

65
87.9
22.2

LOCK CASE

29.5
13
13.7
56.5
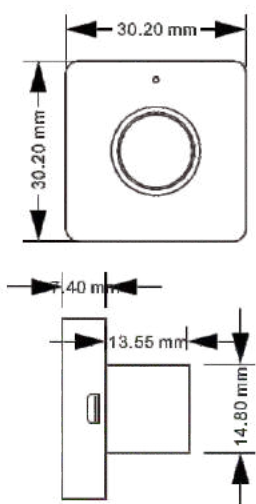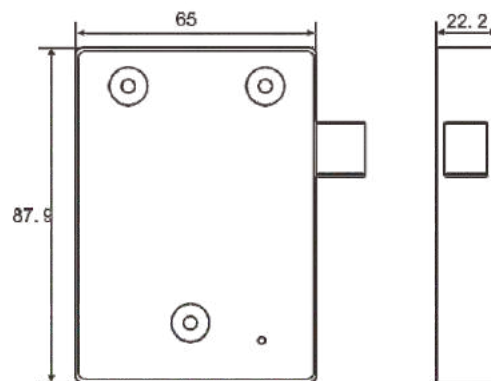
STRIKING PLATE

Fingerprint Lock
F050

Used in drawer and cabinet in hospital, office, school etc.

Fingerprint	High sensitivity	Wide range of use	Low power design

>4000 HOUR

Accessory parameters

LOCK CASE
Material:ABS
Size:
60×86×23.5mm

Reset Button

STRIKING PLATE
Material:ABS
Size:
73.3X24.2X12MM

SCREW
M4×8(Panel)
ST3.5×16(Lock case)
ST3.5×20(Striking Plate)
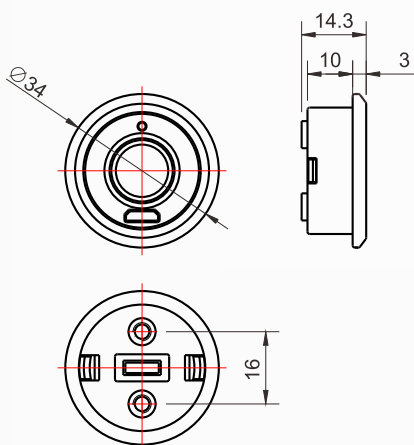
CONNECTING WIRE

WASHER

technical parameter

- Model: F050
- Color: Nickel
- Material: zinc aluminum alloy
- Battery: 3xAAA battery
- Supply voltage: 4.5V
- Quiescent current: ≤20uA
- Dynamic current: ≤220mA
- Low voltage alarm voltage: 3.6V ± 0.2V
- Life time: >20,000 times opening
- Working temperature: 0°C-55°C
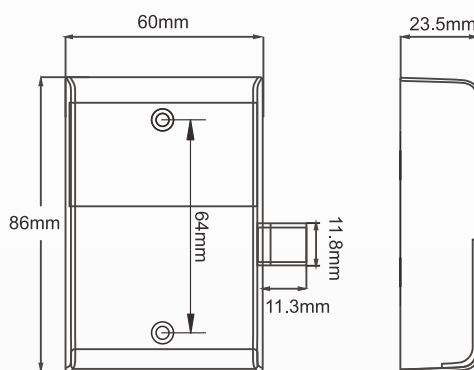- Working humidity: 20%-80% RH

Features

- Smart and keyless, fingerprint control.
- Up to 20 fingerprints can add.
- The power supply uses 3xAAA battery.
- Low-power design, life time more than 1 year.
- Low battery warning, Micro USB for low battery.
- Suitable for installation in drawer cabinets, single door, double door and other wooden cabinets.
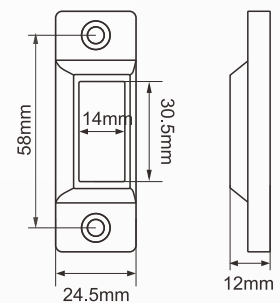- Door thickness requirement >15mm, standard screw for 15-18mm Door panel.

Installation size

14.3
10
3
Ø34
16

PANEL

60mm
86mm
64mm
23.5mm
11.8mm
11.3mm

LOCK CASE

58mm
14mm
30.5mm
24.5mm
12mm

STRIKING PLATE

Digital Lock
F023

Used in drawer and cabinet in hospital,
office,school etc.

| password | High sensitivity | Wide range of use | Low power design |

F023H

SMART LOCK 1 2 3 4 5 *
Open/Alarm 6 7 8 9 0 #

SMART LOCK
1 2
3 4
5 6
7 8
9 0
* #

F023V

Accessory parameters

LOCK CASE
Material:ABS
Size:
60×86×23.5mm

Reset Button

STRIKING PLATE
Material:ABS
Size:
73.3X24.2X12MM

SCREW
M4×18 (Panel)
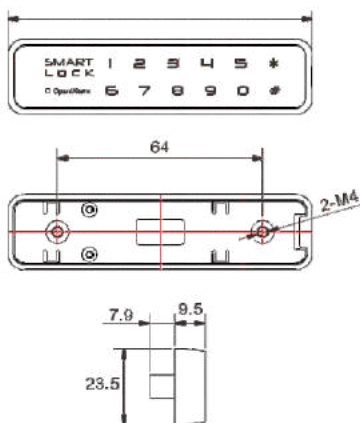ST3.5×20(Striking Plate)

CONNECTING WIRE

technical parameter

- Model: F023
- Color: black
- Material: zinc aluminum alloy
- Battery: 3xAAA battery
- Supply voltage: 4.5V
- Quiescent current: ≤20uA
- Dynamic current: ≤220mA
- Low voltage alarm voltage: 3.6V ± 0.2V
- Life time: >20,000 times opening
- Working temperature: 0°C-55°C
- Working humidity: 20%-80% RH

Features

- Digital and keyless.
- Small and handy with indicator, visual and audio signal.
- Programming 1-10 digit user code (PIN).
- Motorized mechanism, automatically.
- The power supply uses 3xAAA battery.
- Low-power design, life time more than 1 year.
- Low battery warning, Micro USB for low battery.
- Motorized mechanism automatically.
- Suitable for installation in drawer cabinets, single door, double door and other wooden cabinets.
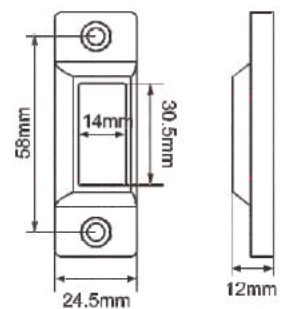- Door thickness requirement >10mm, standard screw for 15-20mm Door panel.

Installation size

PANEL
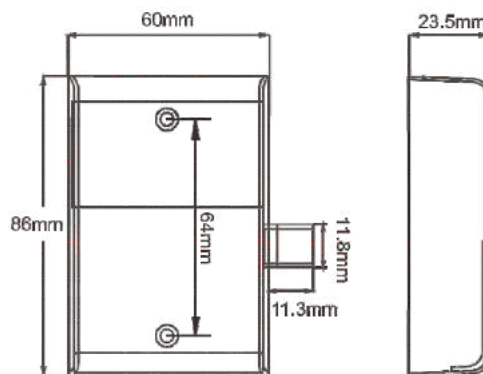
LOCK CASE

STRIKING PLATE

Digital Lock
F029

Used in drawer and cabinet in hospital, office,school etc.

| password | High sensitivity | Wide range of use | Low power design | Blue tooth (Optional) |

>4000 HOUR

F029

Accessory parameters

LOCK CASE
Material: ABS
Size:
60×86×23.5mm

Reset Button

STRIKING PLATE
Material: ABS
Size:
73.3X24.2X12MM

SCREW
M4×12(Panel)
ST3.5×16(Lock case)
ST3.5×20(Striking Plate)

WASHER

CONNECTING WIRE

technical parameter

- Model: F029
- Color: black
- Material: zinc aluminum alloy
- Battery: 3xAAA battery
- Supply voltage: 4.5V
- Quiescent current: ≤20uA
- Dynamic current: ≤220mA
- Low voltage alarm voltage: 3.6V ± 0.2V
- Life time: >20,000 times opening
- Working temperature: 0°C-55°C
- Working humidity: 20%-80% RH

Features

- Digital and keyless.
- Small and handy with indicator, visual and audio signal.
- Programming 4-10 digit user code (PIN).
- Override code available.
- Motorized mechanism, automatically.
- The power supply uses 3xAAA battery.
- Low-power design, life time more than 1 year.
- Low battery warning, Micro USB for low battery.
- Motorized mechanism automatically.
- Suitable for installation in drawer cabinets, single door, double door and other wooden cabinets.
- Door thickness requirement >10mm, standard screw for 15-20mm Door panel
- Blue tooth and APP function available..

Installation size

φ50.5mm

12.25mm

60mm

23.5mm

86mm

64mm

11.8mm

11.3mm

58mm

14mm

30.5mm

24.5mm

12mm
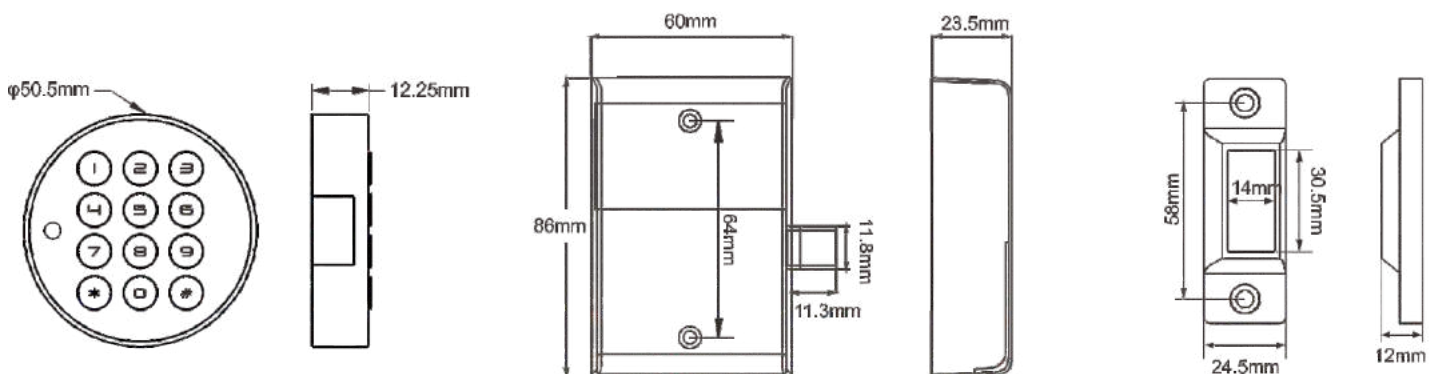
PANEL

LOCK CASE

STRIKING PLATE

Digital Cam Lock
F070

Used in drawer and cabinet in hospital, office,school etc.

Password

Wide range of use

>4000 HOUR

Energy Saving

components

LOCK CASE
Material:ABS + Stainless Steel
Size:
88×52.5×40.5mm

Battery case
Material: ABS
Size:
57.8X30.2X12MM

SCREW
M4×40(Lock body)
M4×12(Striking Plate)

Sticker
Φ24mm

technical parameter

- Model: F070
- Color: black
- Material: ABS + Stainless Steel
- Battery: 2xAAA battery
- Supply voltage: 3V
- Quiescent current: 22uA
- Dynamic current: 4mA
- Low voltage alarm voltage: 2.6V ± 0.2V
- Life time: >3,000 times opening
- Working temperature: 0°C-55°C
  Working humidity: 20%-80% RH

Features

- Digital and keyless.
- Code cam lock, easy to install
- Backup lock with keys
- Turning knob available
- Low battery warning, USB port for outer power supply
- Special design for steel cabinet, mailbox, files cabinet etc.
- Door thickness requirement >0.5mm, standard screw for
- 0.5-1.5 mm Door panel

Outline
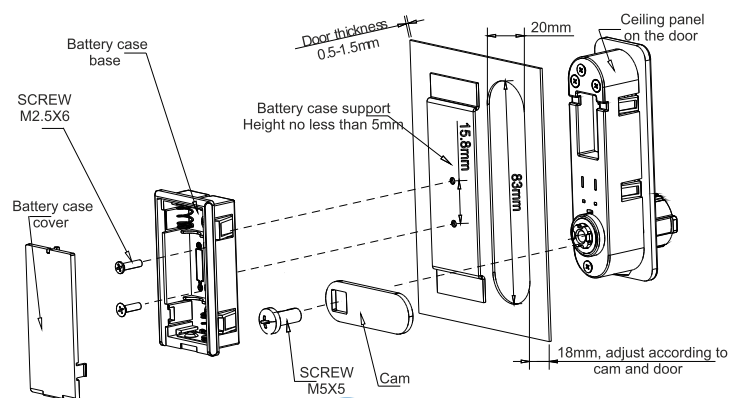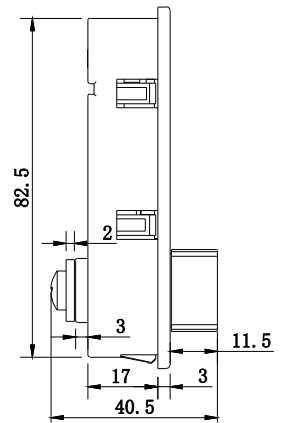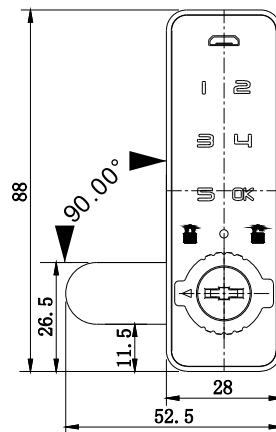
DIGITAL RFID LOCK
F034

Used in locker in gym, swimming pool, school etc.

password RFID Wide range Low power
of use design

F034H

F034V

Accessory parameters

LOCK CASE
Material:ABS
Size:
126×56×23.5mm

STRIKING PLATE
Material:ABS
Size:
73.3X24.2X12MM

SCREW
M4×18 (Panel)
ST3.5×20(Striking Plate)

CONNECTING WIRE

| Yellow | Orange | Blue |
| Pink | Green |

RFID Bracelet-2009

| Black | Orange |
| Blue | Yellow |

RFID Bracelet-2016

| Black | Orange |
| Blue | Pink |

RFID Bracelet-2018

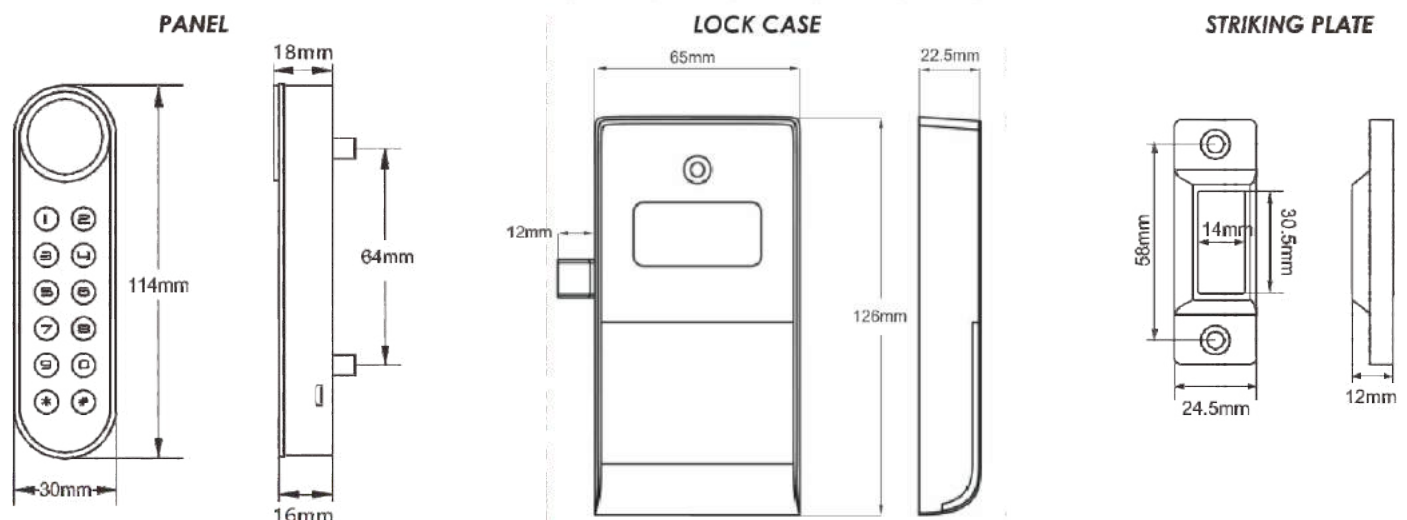# technical parameter

- Model: F034
- Color: black, white
- Material: zinc aluminum alloy
- Battery: 3xAA battery
- Supply voltage: 4.5V
- Quiescent current: ≤20uA
- Dynamic current: ≤220mA
- Low voltage alarm voltage: 3.6V ± 0.2V
- Working temperature: 0℃-55℃
- Working humidity: 20%-80% RH

Features

- Digital and keyless.
- Programming 4-10 digit user code.
- RFID sensor, easy to use and management.
- Low-power design, life time more than 1 year.
- Low battery warning, Micro USB for low battery.
- Widely used in locker in school, gym, club etc.
- Door thickness requirement >10mm, standard screw for 15-20mm Door panel.

Installation size

PANEL
18mm
64mm
114mm
30mm
16mm

LOCK CASE
65mm
22.5mm
12mm
126mm

STRIKING PLATE
58mm
14mm
30.5mm
24.5mm
12mm

RFID Card
Lock - F013

Technical Parameter

LOCK PANEL	41LX41WX15H mm
Working Voltage	DC3.4V-8V, 1.5V
Low Battery Voltage	DC3.6V±0.2V
Static Current	≤20µA
Dynamic Current	≤200MA
Working Temperature	−15℃～+38℃
Working Humidity	RH10%～70%
Material	ABS
Card Key	EM/T5557/Mifare-1

Outline

∅41

15

∅37
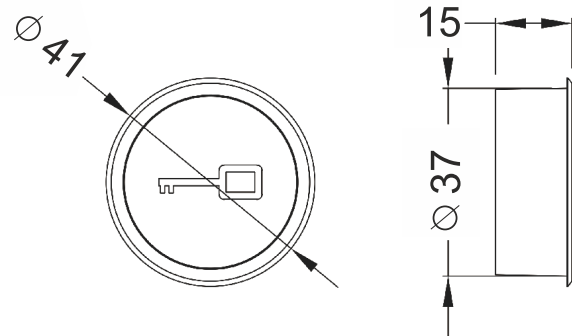
RFID Card + Password
Lock - F004

White   Black

Technical Parameter

LOCK PANEL	92LX56WX18.5H mm
Working Voltage	DC3.4V-8V, 1.5V
Low Battery Voltage	DC3.6V±0.2V
Static Current	≤20μA
Dynamic Current	≤200MA
Working Temperature	−15℃～+38℃
Working Humidity	RH10%～70%
Material	ABS/Stainless Steel
Card Key	EM/T5557/Mifare-1

Outline
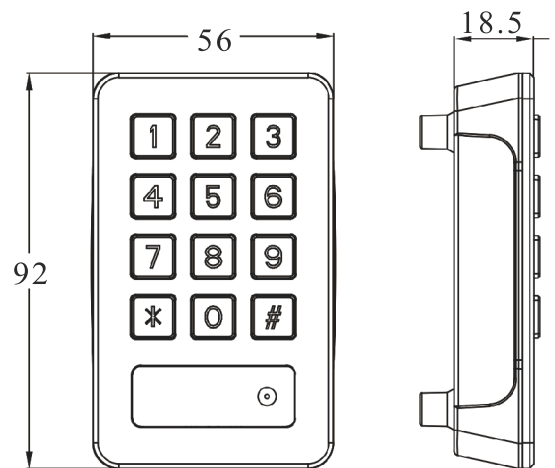
Hidden Cabinet Lock

BF08

Used in drawer and cabinet in hospital, office,school etc.

RFID	Wide range of use	>4000 HOUR Energy Saving

components

LOCK CASE
Material:ABS + Stainless Steel
Size:
76×76×29.5mm

STRIKING PLATE
Material: ABS+ Stainless Steel
Size:
73.3X24.2X12MM

SCREW
M4×40(Lock body)
M4×12(Striking Plate)

Sticker
Φ24mm

technical parameter

- Model: BF08
- Color: black
- Material: ABS + Stainless Steel
- Battery: 4xAAA battery
- Supply voltage: 6V
- Static current: 60uA
- Working current: 5.8mA
- Low voltage alarm voltage: 4.3V ± 0.2V
- Life time: >3,000 times opening
- Working temperature: 0°C-55°C
  Working humidity: 20%-80% RH

Features

- Digital and keyless.
- Hidden cabinet lock, easy to install
- Mifare-1 Card control, master card and user card
- Motorized mechanism, automatically.
- Low battery warning, keep open when low battery
- Motorized mechanism automatically.
- Suitable for installation in drawer cabinets, single door,
- double door and other wooden cabinets.
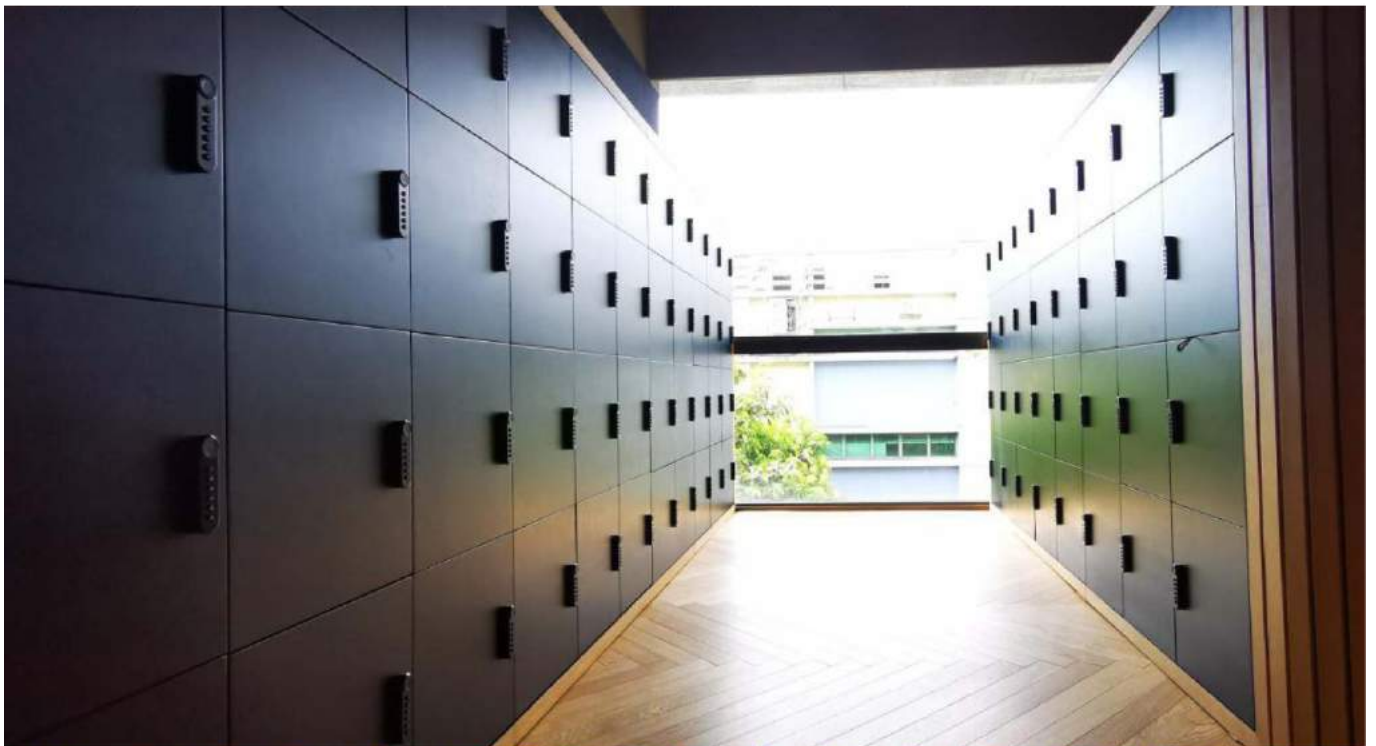- Door thickness requirement >5mm, standard screw for 15-30mm Door panel

Outline
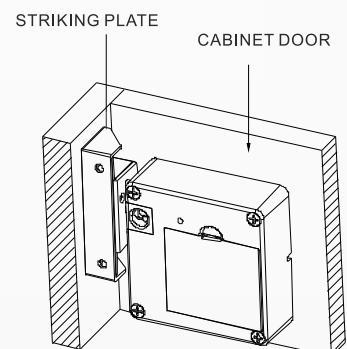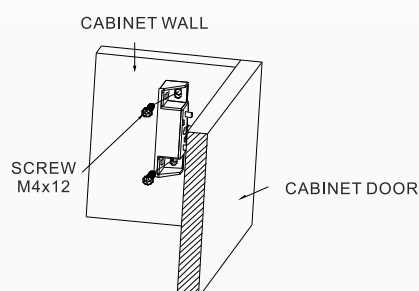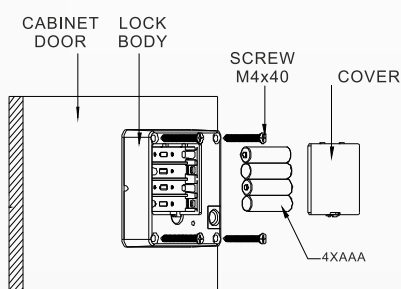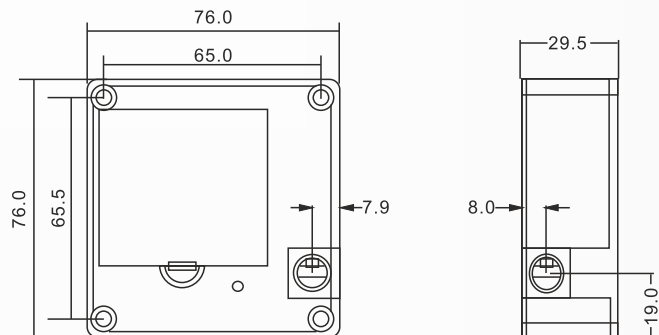
PRODUCT SOLUTIONS

Showcase

Chest of drawers

Locker

Authorised Dealer