



Fingerprint Padlock

(Water resistant)

Model No.: MR60-1S/MR62-1S

Introduction

MR60-1S & MR62-1S both fingerprint Padlock are with water resistant design and user friendly anti-theft device. It can accommodate up to 10 fingerprints on the lock. With the fingerprint padlock, you don't worry about losing, misplacing or even stolen keys anymore.

You can simply slide your finger on the sensor of the lock to unlock it automatically. The fingerprint padlock is made of Zinc alloy (body) and steel (U shaped or string loop of locking mechanism) to ensure its hardness against violent attacks as well as its light weight for easy portability.

The power is supplied by 2*AAA alkaline batteries.

Application Scope

- Integrated extra layer of security with fingerprint biometric added to Pad lock.

- ✔ Built-in semiconductor slide sensor recognition
- ✔ Fingerprint identification with high accuracy and high speed.
- ✔ Supplying specific users, employees or friends temporary fingerprint access that can be changed at any time.
- ✔ Access control by approved fingerprint instead of physical keys which may be easily duplicated.
- ✔ Ideal security solution for valuable box or place etc. without worrying about the risk of missing keys or worrying the keys would be duplicated.

Solution Features

- ✔ Directly add fingerprint on the Pad lock.
- ✔ For enrollment of 10 fingerprints (3 Administrator, 7 Users).
- ✔ No software required -- direct management performed on the lock.
- ✔ Standalone (no PC required) – battery operated power by DC-3V.
- ✔ Easy set-up and enrollment management – confirmed by LED.
- ✔ Fingerprints will not be lost even out of battery or without power.
- ✔ Enclosure lock made by steel and iron brings the benefits of light weight for easy handing.

Specification

Fingerprint Enrollment	10 fingerprint maximum
Fingerprint Sensor	Semiconductor Slide Sensor
Resolution	500 dpi
Field Size	124 x 8 pixels
Gray Level	256 levels (8 bits/pixel)
Minutia Size	512~1024 bytes
False Rejection Rate (FRR)	1/1,00
False Acceptance Rate (FAR)	1/1,000,000

Allowable Rotation	± 15°
ESD	18 KV air contact mode
Scanning Speed	<1 second
Matching Speed	<10m second
Lock Body Dimension	28mm (H) x 64mm (W) x 76mm (L)
Cable Shackle Length	450mm
Cable Diameter	7mm(Include plastic pipe)
Weight	450g
Temperature	-20 ~ 70 °C
Allowable Voltage	2 AAA Batteries (3V)
Power consumption	Idle:5mA,Capture:110mA, nrollment:110mA,
Stand by electricity	< 5mA
MMI (Main Management Interface)	LED and melodies