



YN-ID-N012

Rev 1.0 | 2026-08-13 | Approved for Public Release

Remote APP unlock function, no matter where you are, it is easy to open the door with one click.

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Product Overview

Product Positioning:

Suitable for home and apartment

Main Feature Highlights:

1. Fingerprint recognition speed <300 ms
2. Fingerprint, password, card, mechanical key and
Tuya App unlock multiple unlocking methods
3. Anti-pry alarm function
4. With electronic anti-lock
5. Durable material and process

Technical Specification

Model	YN-ID-N012
Brand	YOUNUO IET
Material	Aluminum Alloy / Glass
Dimension	11.40" x 2.56" x 0.87" (289.56x65.02x22.10MM)
Operating Temperature	-25°C 70°C
Color	Black (OTHer Colors can be Customized)
Battery Life	9 12 Months
Total Users	300
Standby Power Consumption	40 60 μA
Operating Power Consumption	80 μA
Master Chip	MCU (Standby Power Consumption is 40 to 45 Microamps)
Emergency Power	Type-C emergency input: 5 V / 1 A
Power Source	4 alkaline batteries
Fingerprint Capacity	50 / 100 (Optional)
Function	Tuya Remote APP Unlock Type - C Emergency Power Supply
Wi-fi Parameter	Model Number: SN-541 Internet Connection: Wireless Wi-fi (Wi-fi 6 supported) IEEE Standard: 802. 11 b/g/n/ax Network Encryption: WPA/WPA2/WPA3 Automatic Beacon Scanning and Discovery: Support TWT: Support

Physical Properties



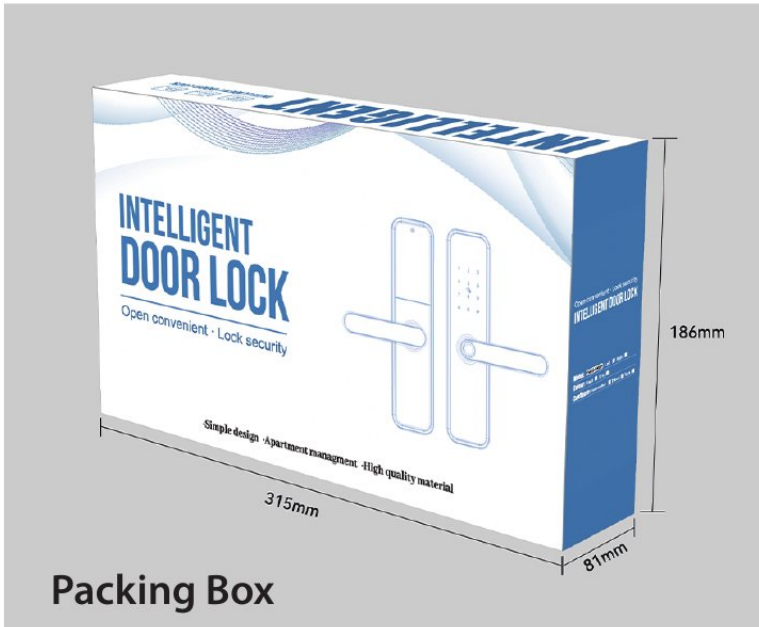
YN-ID-N012-series

Weight: 1.81 KG/PC Qty./CTN: 10 PCS

N.W/CTN: 18.56 KGS G.W/CTN: 19.24 KGS MEAS: 43.5x33x39 CM

Qty. per 20" Container: 4500 4700 PCS Qty. per 40" Container: 10400 12200 PCS

Packaging Method



10 PCS per Carton

Qty. per 20" Container: 4500 4700 PCS

Qty. per 40" Container: 10400 12200 PCS



Environmental Parameter

Operating Temperature-25°C 70°C

Operating Humidity: 20% 90% RH (non-condensing)

Protection level: IP 54

Operation Guide

Initial Password: 123456

Change the management password for the first time:

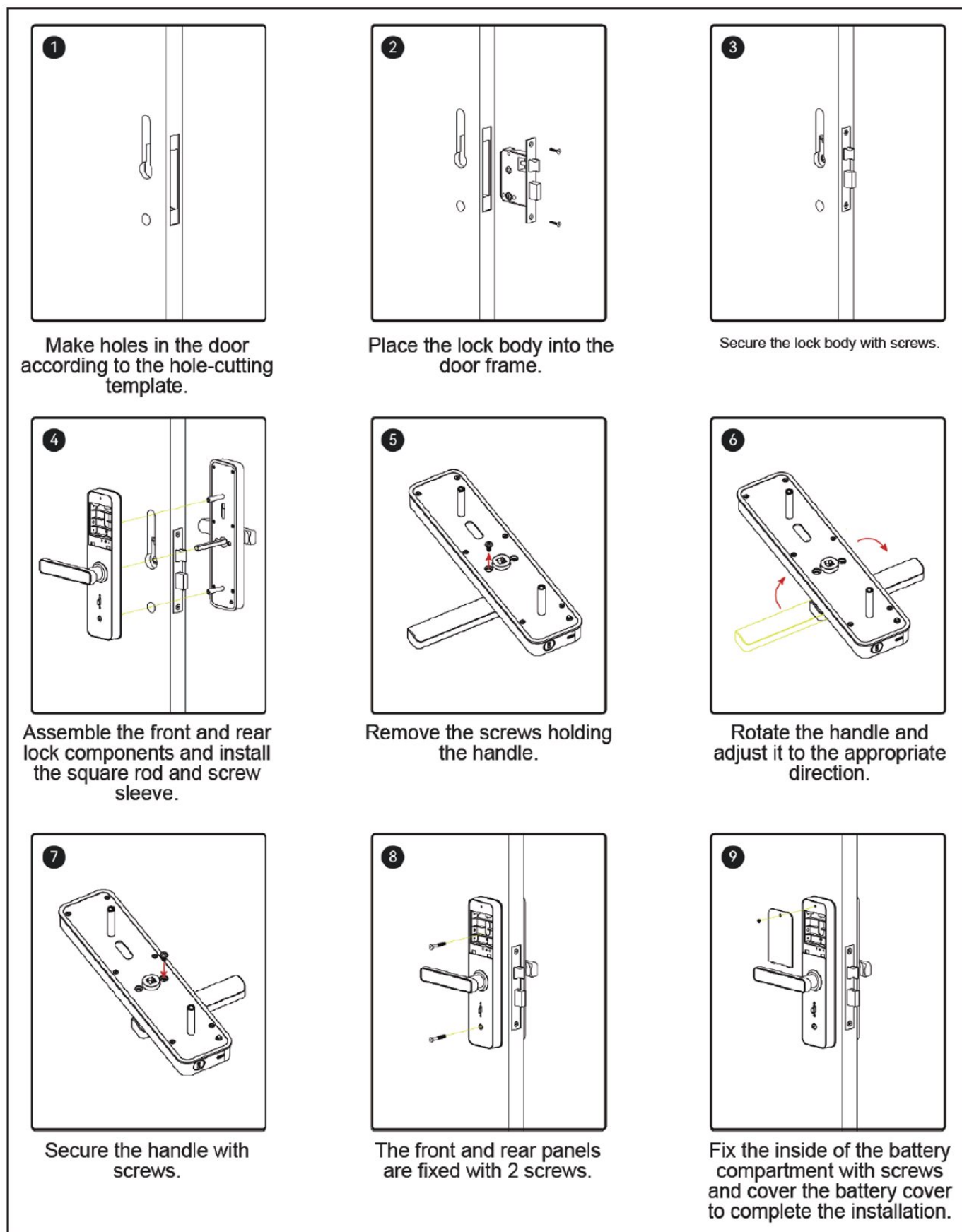
1. Touch the key area with the palm of your hand to wake up the key and light up the keyboard;
2. Press 1 + # , enter the management password (123456), and press # to confirm;
3. Voice prompt: Enter a 6-12 digit password and end with the # key until the message "Setting succeeded" is displayed.

Enter Administration Mode

User Setting

System Setting

Installation Procedure



Box Content

-1x Electronic Lock (Front Panel & Back Panel)

-2x Cards

-1x Drill Template

-1x Mortise

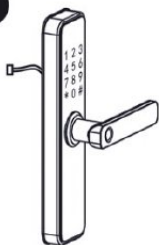
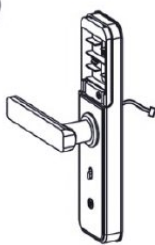
-1x Strike Plate

-1x User Manual

-1x Battery Cover

-2 Mechanical Keys

-1x Screws Kit & Connectors

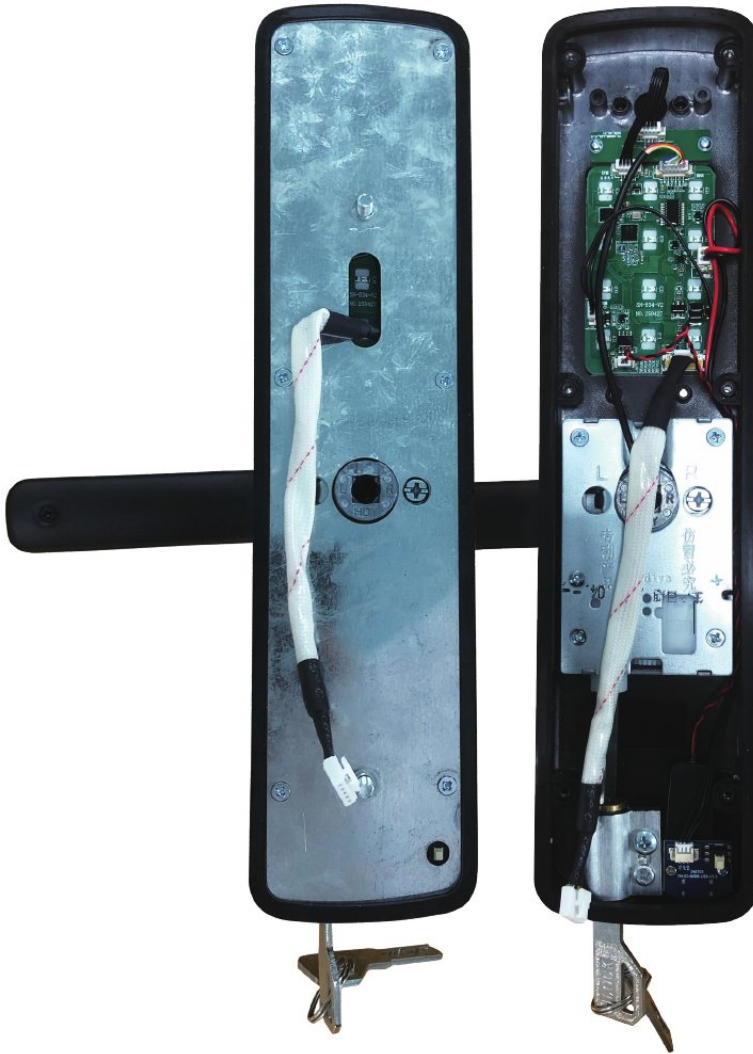
 1x Front panel with rubber seal	 1x Back panel	 1x Mortise	 1x Battery Cover	 2x Cards
 1x Strike plate	 2x Mechanical keys	 1x Drill Template	 1x User manual	 Outer Box Packing

Screws Kit & Connectors

 1x square rod (7.6cm)	 4x screws (2cm)	 2x screws (3 cm)	 2 x screws (4.5 cm)	 1 x spring (3 cm)	 2x Connecting rod (4cm)
 1x square rod (10cm)	 2 x Threaded screw (9.5cm)				

* Applicable to wooden doors only

Front Panel HD Photos

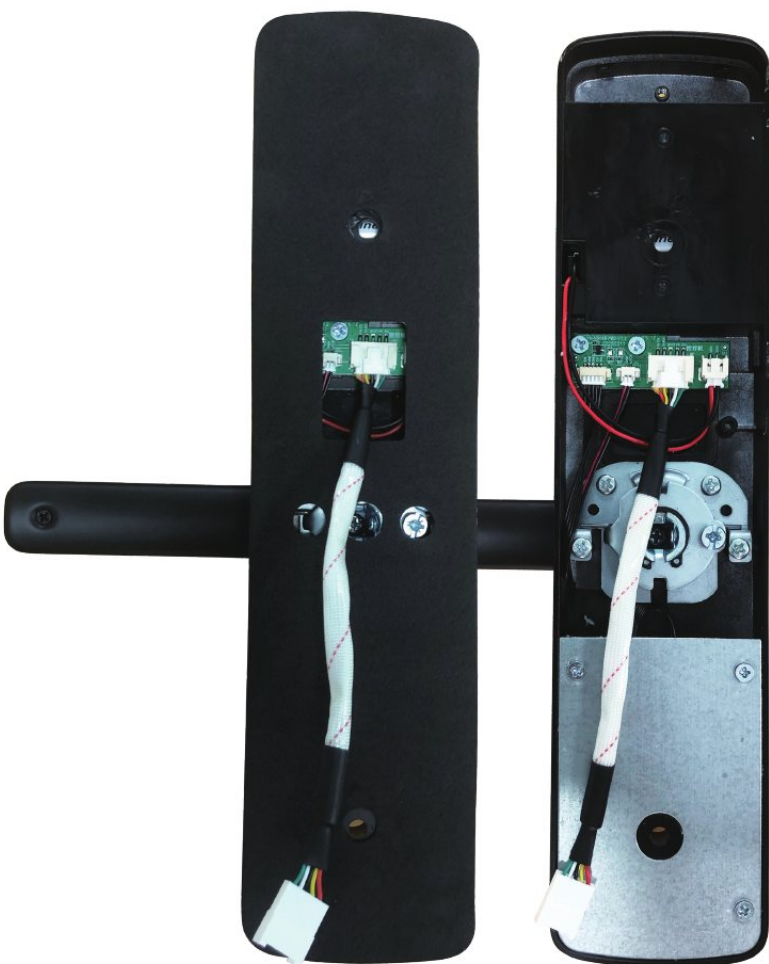


Front Panel



Emergency Charging Port & Keyhole

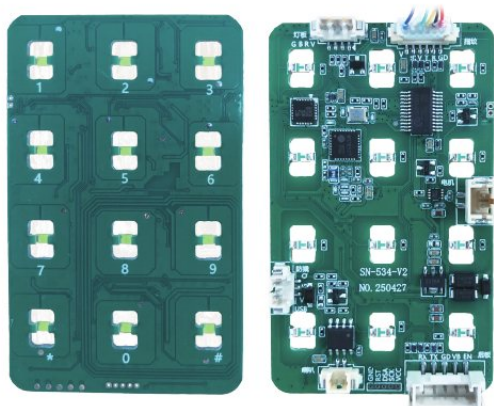
Back Panel HD Photos



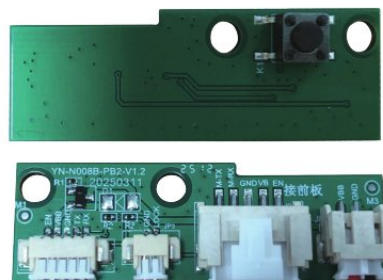
Back Panel



Battery Compartment



Mainboard 1

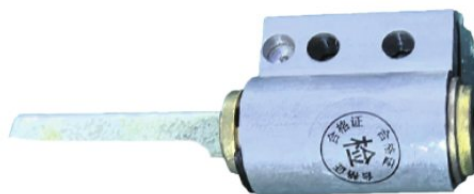


Mainboard 2

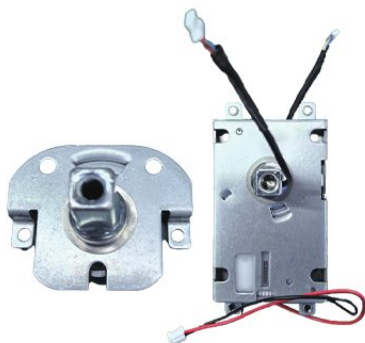


5050 Mortise

Panel Size: 180MM(L) x 22MM(W)
Adjustable Left & Right Sides



C-Level Cylinder



Clutch

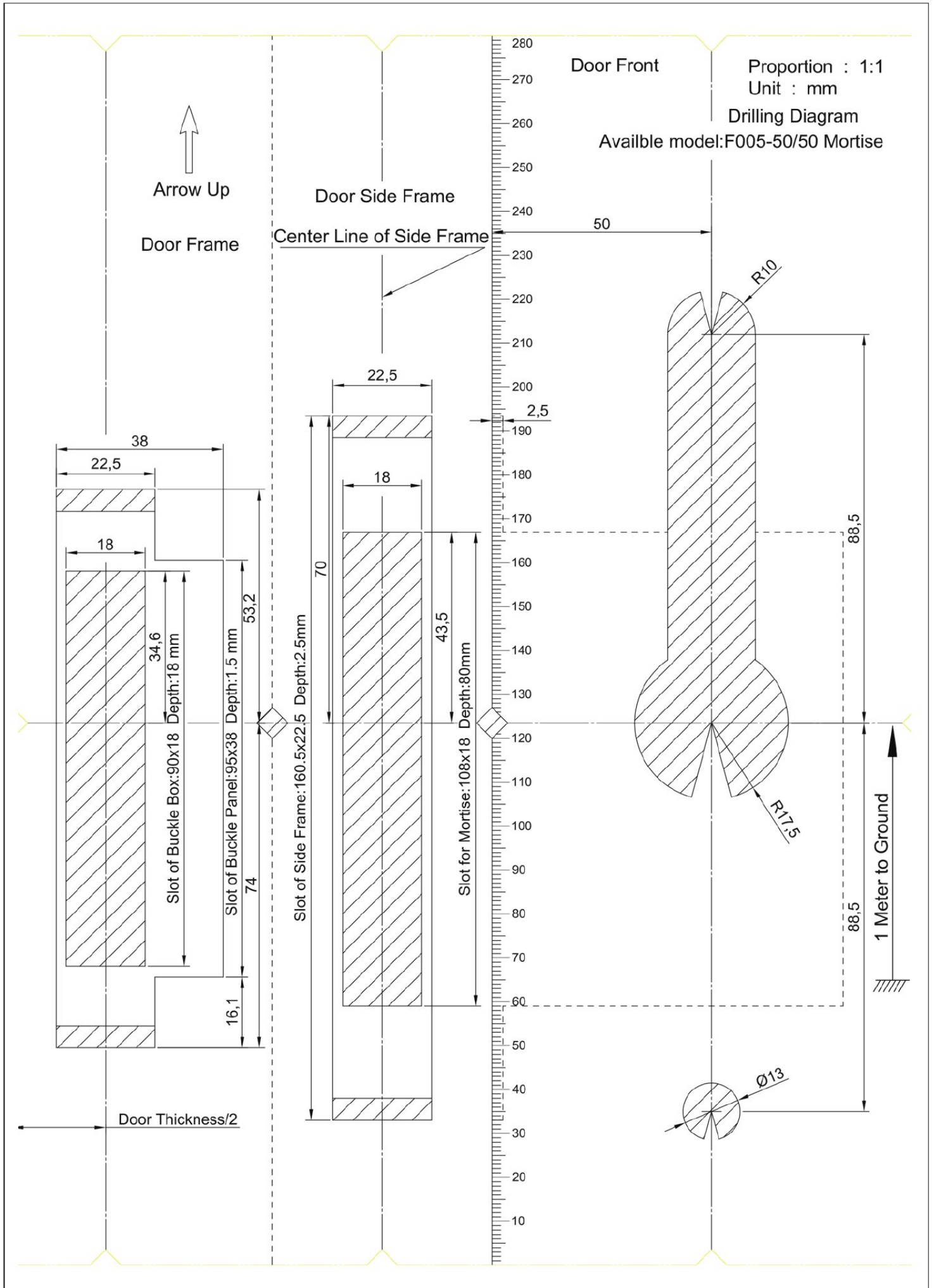


Micro Switch



Speaker

Drill Template



Warranty & After-sales Service

Warranty Period: 2 Years

After-sales Service Contact:

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Tel: +86 755 27650596

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