

User Manual

for DM-25

I. System Initialization upon Power-On:

Default user password is 1234.

Note:

1. Users are advised to change the password and register fingerprints before use.
2. The lock supports a disguised password function (which allows adding random digits before and after the actual password when entering it). The disguised password can be up to 32 digits; any input exceeding 32 digits will render the earlier digits invalid. The actual password length must be between 3 and 10 digits.

II. Unlocking:

1. Password Unlocking

Touch the keypad area to activate the backlight. Enter the password and press the "#" key.

- If the password is correct, the OPEN light flashes once, the system emits two "beep" sounds, and the cabinet door automatically opens.

- If the password is incorrect, the ERROR light flashes once, and the system emits three "beep" sounds.

2. Fingerprint Unlocking

Place a finger on the fingerprint sensor. The fingerprint sensor glows blue, and the system emits one "beep" sound.

- If the fingerprint matches, the OPEN light flashes once, the system emits two "beep" sounds, and the cabinet door automatically opens.

- If the fingerprint does not match, the system emits three "beep" sounds, and the ERROR light flashes once.

3. Password + Fingerprint Unlocking

Touch the keypad area to activate the backlight. Enter the password and press the "#" key. If the password is correct, the fingerprint sensor ring glows blue. Place a finger on the fingerprint sensor without moving it.

- If the fingerprint matches, the OPEN light flashes once, the system emits two "beep" sounds, and the cabinet door automatically opens.

- If the fingerprint does not match, the system emits three "beep" sounds, and the ERROR light flashes once.

III. Locking:

Simply push the drawer fully closed to lock it.

IV. Settings

Touch the keypad area to activate the backlight. Press and hold the * key. The buzzer will first sound once. Continue holding for 2 seconds until the buzzer sounds twice and the OPEN light flashes, indicating that the system has entered setup mode.

1. Changing the Password:

Enter the original password and press the # key to confirm. Then enter a new 3–10 digit password and press the # key. The buzzer will sound once. Re-enter the same password and press the # key again to confirm. The buzzer will sound twice and the light will turn off, indicating the password has been successfully changed. If the original password is incorrect, the buzzer will sound three times, the light will turn off, and the password change process will exit.

2. Changing the Unlocking Mode

There are two unlocking modes:

- ① Password only
- ② Password + Fingerprint

Steps to change the unlocking mode:

1. Touch the keypad area to activate the backlight. Press and hold the * key for two seconds until the OPEN light flashes and the buzzer sounds twice.

2. Press the 1 key, then press the # key to confirm.

3.

- 3.1 To switch to "Password + Fingerprint" mode: Enter the correct password and press the # key. The buzzer will sound twice, the light will turn off, and the unlocking mode is successfully changed.

- 3.2 To switch to "Password or Fingerprint" mode: Enter the correct password and press the # key. The fingerprint sensor will glow blue. Place a registered finger on the sensor without moving. The buzzer will sound twice, the light will turn off, and the unlocking mode is successfully changed.

VI. Registering a Fingerprint

1. Press the registration switch once. A "beep" will sound, and the fingerprint sensor will glow blue. The buzzer will sound once.

2. Place a finger on the fingerprint sensor without moving. The fingerprint sensor will glow green, and the buzzer will sound once. Remove the finger.

3. The green light turns off, and the blue light turns on. Place the same finger on the sensor again without moving. The sensor will glow green, and the buzzer will sound once. Remove the finger.

4. The green light turns off, and the blue light turns on. Place the same finger on the sensor a third time without moving. The sensor will glow green, and the buzzer will sound once. Remove the finger.

5. The green light turns off, and the blue light turns on. Place the same finger on the sensor a fourth time without moving. The sensor will glow green, and the buzzer will sound once. Remove the finger.

6. The green light turns off, and the blue light turns on. Place the same finger on the sensor a fifth time without moving. The sensor will glow green, and the buzzer will sound twice. The green light will turn off, indicating successful fingerprint registration.

7. If the system's fingerprint database is full (already contains 25 fingerprints), and a user attempts to register another fingerprint, the system will emit three "beep" sounds, the fingerprint light will turn off, and the system will return to standby mode. In this case, the user may consider clearing the fingerprint database.

8. To improve recognition accuracy, register the same finger at three different angles (upright, tilted left, tilted right).

VII. Alarms

1. Incorrect Code Alarm:

This function is active when the lock is secured and the door is closed. After 5 consecutive incorrect password attempts or 5 incorrect fingerprint attempts, the safe will sound an alarm for one minute.

- Entering the correct password or fingerprint during this time will immediately stop the alarm.
- If the unlocking mode is set to "Password + Fingerprint," both the correct password and a valid fingerprint must be provided to stop the alarm immediately.

2. Low Battery:

When the battery level drops below 10%, the LOW indicator will flash, and the buzzer will sound 6 times consecutively. The electronic lock may not function properly. Users should replace the batteries immediately.

VIII. Restore Default Password & Delete Fingerprints

Press and hold the registration switch. After 4 seconds, the buzzer will sound twice, and the fingerprint sensor's green light will flash once. You may then release the registration switch. This indicates that the default password has been restored and all fingerprints have been successfully deleted.

- The user password will revert to ****1234****.
- All registered fingerprints will be cleared.
- The unlocking method will revert to password or fingerprint unlock mode.