

AMOCAM TF2

AMOCAM TF2 Fingerprint Door Access Control Keypad System User Manual

Model: TF2

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AMOCAM TF2 Metal Fingerprint Door Access Control Keypad System. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Image: The AMOCAM TF2 Fingerprint Door Access Control Keypad System, including the keypad unit and five blue ID key fobs.

2. PRODUCT FEATURES

- **Multiple User Capacity:** Supports up to 10,000 users with options for fingerprint identification, EM IC ID key cards, and password access.
- **Advanced Biometric Fingerprint Sensor:** Features semiconductor biometric fingerprint technology for rapid 1-second unlocking.
- **Durable Construction:** Constructed with strong zinc alloy electroplated technology, epoxy encapsulated for anti-vandal and weatherproof performance (IP68 rated). Suitable for both indoor and outdoor use.
- **Flexible Operation Modes:** Can function as a standalone keypad or as a card reader.
- **Enhanced Security:** Compatible with all electric locks and includes full programming capabilities directly from the

keypad.

- **User Feedback:** Built-in buzzer and Light Dependent Resistor (LDR) provide sound and light feedback for clear operation.
- **Backlit Touch Keypad:** Touch keypad panel with LED indication and 3-color LEDs to display working status. Backlight ensures visibility in low-light conditions.
- **Wiegand Interface:** Supports Wiegand 26/34 input and output for integration with other access control systems.



Image: The AMOCAM TF2 keypad highlighting its IP68 weatherproof rating and backlit keys, shown with water droplets on its surface.

3. PACKAGE CONTENTS

The AMOCAM TF2 system package includes the following items:

- Access Control Keypad Unit
- 5 x ID Key Fobs
- Wiring Terminal



Image: The AMOCAM TF2 Fingerprint Door Access Control Keypad System, including the keypad unit and five blue ID key fobs.

4. SPECIFICATIONS

Feature	Detail
Brand	AMOCAM
Model Number	TF2
Lock Type	Biometric, Keypad

Dimensions (L x W x H)	5.3 x 1.8 x 0.9 inches (135mm x 47mm x 23mm)
Material	Metal, Zinc
Recommended Use	Indoor/Outdoor
User Capacity	10,000
Wiegand Interface	WG26/34 Input and Output
Control Method	Touch
Item Weight	15.5 ounces (0.44 Kilograms)



Image: The AMOCAM TF2 keypad showing its narrow shell design and dimensions (5.3 inches in length, 1.8 inches in width).

5. SETUP & INSTALLATION

Proper installation is crucial for the optimal performance and security of your access control system. It is recommended to consult a professional for complex wiring setups.

5.1 Wiring Diagram

Refer to the following diagrams for connecting the AMOCAM TF2 keypad to your access control system or garage/sliding door opener.



Image: Detailed wiring diagrams for connecting the AMOCAM TF2 keypad to a power supply control, exit button, and various lock types (NC Magnetic Lock, NO Strike Lock), as well as to a garage/sliding door opener.

5.2 Mounting

The keypad is designed for both indoor and outdoor use. Ensure the mounting surface is flat and secure. Use appropriate screws and anchors for your wall type. The anti-prying hexagonal star screw provides additional security.

6. OPERATING INSTRUCTIONS

The default administrator code is "999999". Always change this code immediately after initial setup for security purposes.

6.1 Adding User Fingerprints

Follow these steps to add a new user fingerprint to the system:

1. Ensure the indicator red light is on (standby status).
2. Press ***Admin code #** (Default admin code is "999999"). The red light will flash, indicating entry into administrator mode.
3. Press **11** (Menu code for adding fingerprints).
4. Place the user's finger on the fingerprint sensor. Lift and place again (typically twice for successful capture).
5. Press **#** to confirm.
6. Press ***** to exit administrator mode.

Your browser does not support the video tag.

Video: Demonstrates the process of adding a user fingerprint to the AMOCAM TF2 access control keypad.

6.2 Adding User Passcodes

To add a new user passcode (4 to 6 digits) to the system:

1. Ensure the indicator red light is on (standby status).
2. Press ***Admin code #** (Default admin code is "999999"). The red light will flash, indicating entry into administrator mode.
3. Press **11** (Menu code for adding user codes).
4. Enter a 1 to 4 digit independent user ID (e.g., 35), then press **#**.
5. Enter a 4 to 6 digit user passcode (e.g., 2468), then press **#**.
6. Press ***** twice to exit administrator mode.

Your browser does not support the video tag.

Video: Illustrates how to add a user passcode to the AMOCAM TF2 access control keypad.

6.3 Adding ID Cards (Key Fobs)

To add new ID cards or key fobs to the system:

1. Ensure the indicator red light is on (standby status).
2. Press ***Admin code #** (Default admin code is "999999"). The red light will flash, indicating entry into administrator mode.
3. Press **11** (Menu code for adding cards).
4. Present each ID card/key fob to the keypad's reader. Cards can be added continuously.
5. Press **#** to end card reading.
6. Press ***** to exit administrator mode.

Your browser does not support the video tag.

Video: Demonstrates the procedure for adding ID cards or key fobs to the AMOCAM TF2 access control keypad.

6.4 Unlocking the Door

The AMOCAM TF2 offers multiple methods for unlocking the door:

- **Fingerprint:** Place a registered finger on the fingerprint sensor.
- **Passcode:** Enter a registered user passcode followed by **#**.
- **ID Card/Key Fob:** Present a registered ID card or key fob to the keypad's reader.
- **Exit Button:** Press the connected exit button from inside the premises.

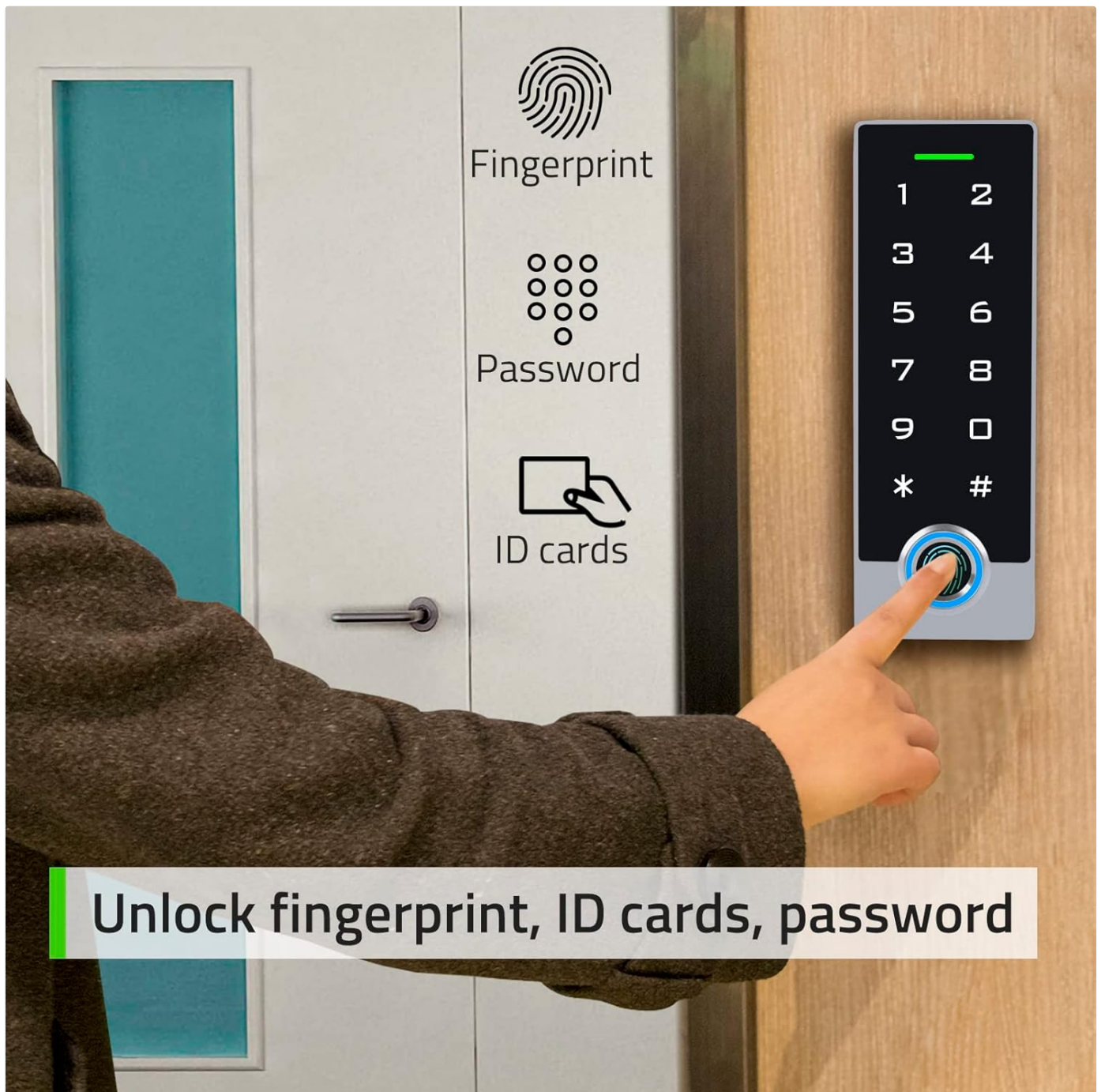


Image: A person using the AMOCAM TF2 keypad to unlock a door via fingerprint, with icons indicating fingerprint, password, and ID card unlock options.

6.4.1 Fingerprint Unlock Demonstration

Your browser does not support the video tag.

Video: Shows the AMOCAM TF2 access control system being unlocked using a registered fingerprint.

6.4.2 Exit Button Unlock Demonstration

Your browser does not support the video tag.

Video: Demonstrates unlocking the access control system using an external exit button.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the keypad surface. Avoid abrasive cleaners or solvents that may damage

the finish or electronic components.

- **Sensor Care:** Keep the fingerprint sensor clean and free of dirt or moisture to ensure accurate readings.
- **Regular Checks:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to ensure optimal performance and security.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keypad not responding	No power, loose connection, or system error.	Check power supply and wiring. Restart the system by disconnecting and reconnecting power.
Fingerprint not recognized	Dirty sensor, incorrect finger placement, or unregistered fingerprint.	Clean the sensor. Ensure proper finger placement. Re-register fingerprint if necessary.
Passcode not working	Incorrect passcode, unregistered passcode.	Verify the passcode. Ensure the passcode is correctly registered.
ID card not working	Unregistered card, card damage.	Ensure the card is registered. Try another card. Re-register the card if needed.
Door does not unlock	Lock malfunction, wiring issue, insufficient power.	Check the lock mechanism and wiring. Ensure adequate power supply to the lock.

9. WARRANTY AND SUPPORT

AMOCAM products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official AMOCAM website or contact customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, visit the [AMOCAM Store on Amazon](#).

