DELTA DELTA HOME 003

DELTA Z1 PRO Smart Door Lock
User Manual

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your DELTA Z1 PRO Smart Door Lock. Please read these instructions carefully before installation and use to ensure proper function and safety. The DELTA Z1 PRO offers advanced security features including multiple unlocking methods and integrated communication capabilities.

2. SAFETY INFORMATION

- Do not expose the lock to direct water or corrosive substances.
- Ensure correct battery polarity during installation.
- Keep mechanical keys in a safe location outside the property.
- Avoid using abrasive cleaners on the lock's surface.
- Perform regular checks to ensure all components are securely fastened.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your DELTA Z1 PRO Smart Door Lock.

Product Specification

Figure 3.1: DELTA Z1 PRO Smart Door Lock components. Key parts include the LCD Screen, Inbuilt Camera, Battery Cover, RFID Card Reader, Touch Keypad, Indoor Handle, Fingerprint Sensor, Outdoor Handle, and Do Not Disturb Knob.

Key Features:

- **6 Ways of Unlocking:** 3D Face Recognition, Fingerprint, Mobile App, RFID Card, PIN, Mechanical Key.
- **3D Face Recognition:** Advanced facial scanning for secure and convenient access.
- **Two-Way Intercom with Live Camera Stream:** Communicate with visitors and monitor your doorstep in real-time.
- **Mobile App Control:** Remote access management, notifications, and control.
- **Robust Construction:** Made from Aluminium alloy with 5 high-quality stainless steel bolts.

4. INSTALLATION GUIDE

4.1 Door Compatibility Check

Before installation, ensure your door meets the required thickness specifications.

Figure 4.1: Door thickness and lock dimensions. The lock is compatible with doors between 40 mm and 110 mm thick.

4.2 General Installation Steps

Note: Professional installation is recommended. Refer to the detailed installation template included in the packaging for precise measurements and drilling instructions.

1. **Prepare the Door:** Mark and drill holes according to the provided template.
2. **Install Mortise Lock:** Insert the mortise lock into the door edge and secure it with screws.
3. **Install Outdoor Panel:** Route the cables through the door and attach the outdoor panel.
4. **Install Indoor Panel:** Connect the cables to the indoor panel and secure it to the door.
5. **Install Batteries:** Insert the required batteries into the battery compartment.
6. **Test Functionality:** Verify all unlocking methods and features are working correctly.

5. OPERATING INSTRUCTIONS

5.1 Unlocking Methods
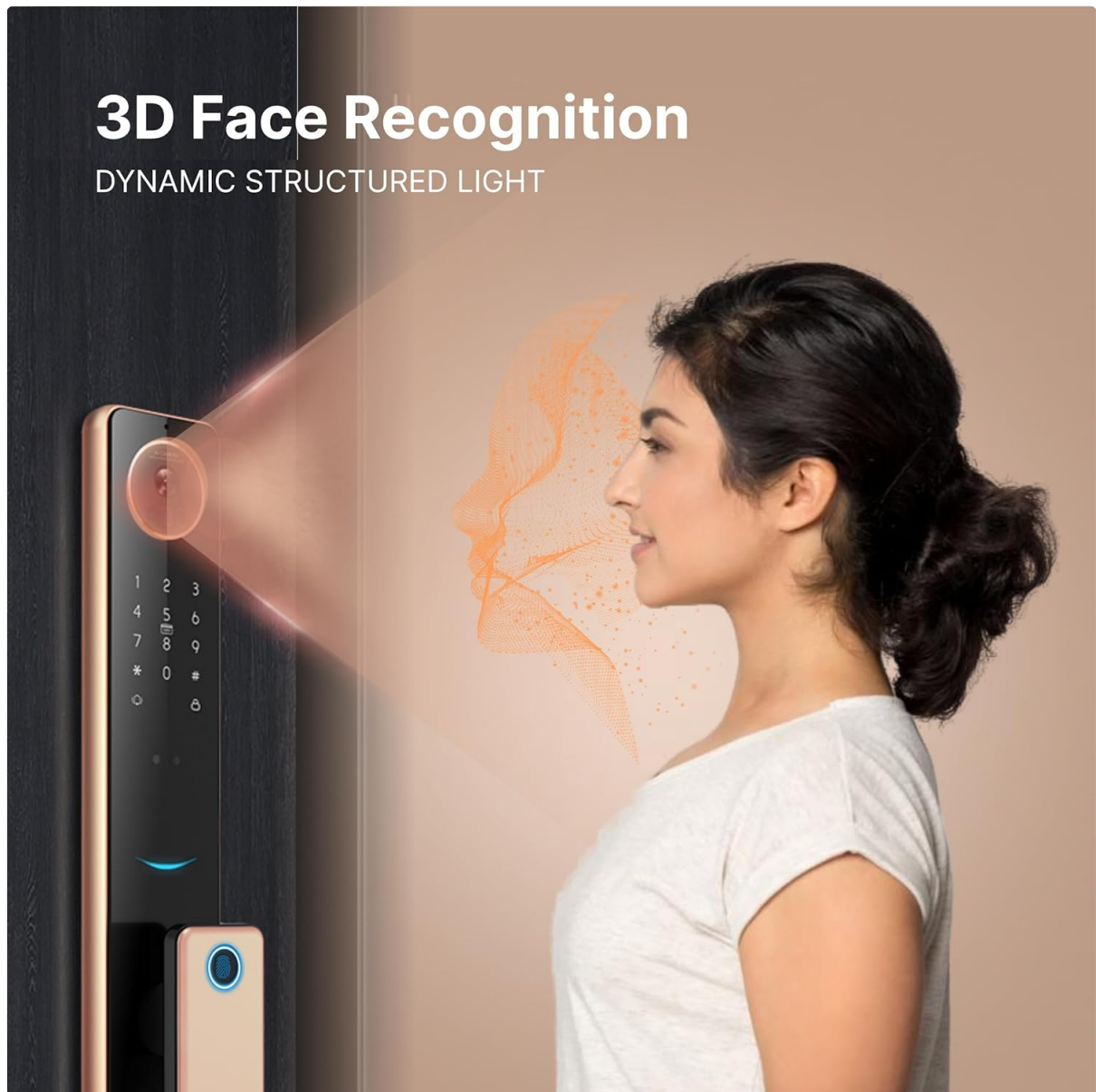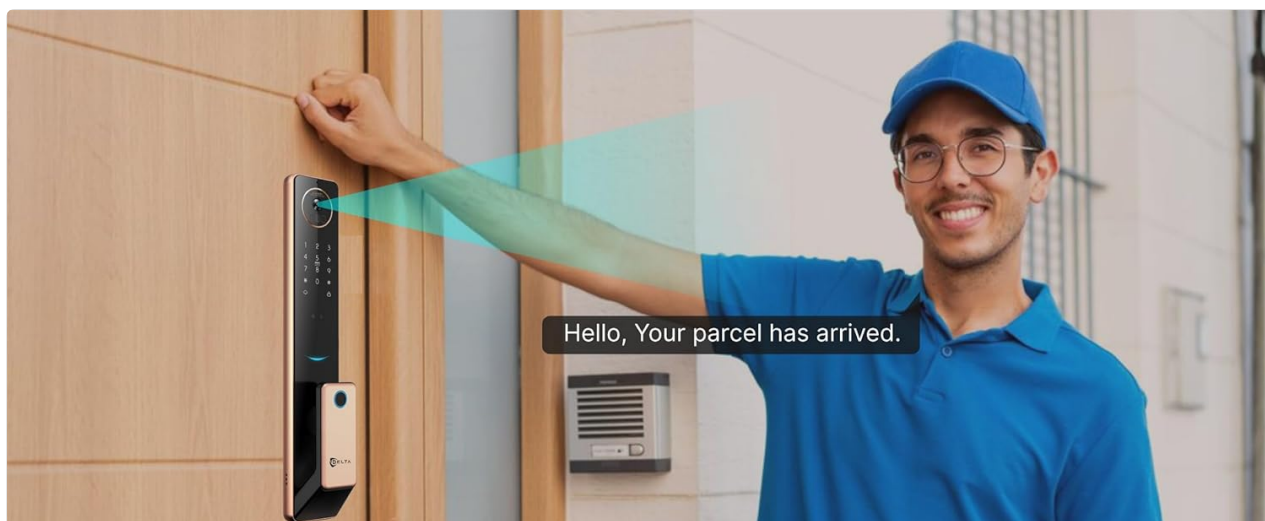
- **3D Face Recognition:**

Figure 5.1: 3D Face Recognition in action. The lock scans the user's face for secure entry.

Stand facing the lock's camera at an appropriate distance. The lock will scan your face and unlock if a registered face is detected.

- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock will unlock upon successful verification.

- **PIN Code:** Enter your registered PIN code on the touch keypad, followed by the '#' key.

- **RFID Card:** Present your registered RFID card to the card reader area on the lock.

- **Mobile App:** Use the dedicated mobile application to remotely unlock the door.

- **Mechanical Key:** In emergencies or power outages, use the mechanical key to unlock the door.
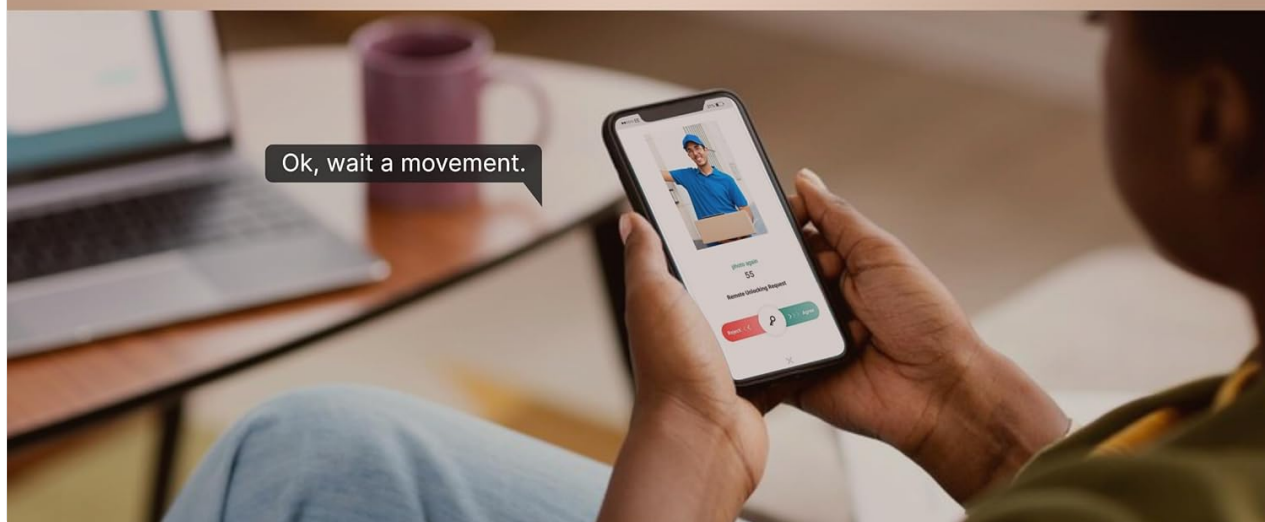
5.2 Two-Way Intercom and Live Camera Stream

Figure 5.2: Seamless Two-Way Communication. Interact with visitors directly through the lock's intercom and your mobile device.

Figure 5.3: Camera Streaming Real-Time. Monitor your doorstep live via the mobile application.

When a visitor presses the doorbell, you will receive a notification on your mobile app. You can then view the live camera feed and engage in two-way audio communication with the visitor directly from your smartphone.

5.3 Mobile App Control

The DELTA Z1 PRO connects to a dedicated mobile application via Wi-Fi. Through the app, you can:

- Remotely unlock/lock the door.
- Manage user access (add/delete fingerprints, PINs, RFID cards, faces).
- View access logs and activity history.
- Receive real-time notifications for door activities.
- Access live camera stream and intercom functions.

6. MAINTENANCE

- **Cleaning:** Wipe the lock's surface with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Battery Replacement:** Replace all batteries when the low battery indicator appears. Use high-quality alkaline batteries.
- **Sensor Maintenance:** Keep the fingerprint sensor, camera lens, and 3D face recognition area clean and free from obstructions.
- **Firmware Updates:** Regularly check the mobile app for available firmware updates to ensure optimal performance and security.

7. TROUBLESHOOTING

- **Lock not responding:** Check battery levels and replace if necessary. Ensure the lock is properly installed and all cables are connected.
- **Fingerprint/Face recognition failure:** Ensure the sensor/camera is clean. Re-register your fingerprint/face if issues persist.
- **PIN code not working:** Verify the correct PIN is entered. Ensure the keypad is clean and responsive.
- **Mobile app connectivity issues:** Check your Wi-Fi connection. Ensure the lock is within Wi-Fi range and properly configured in the app. Restart the app or the lock if needed.
- **Intercom/Camera not working:** Check network connection. Ensure app permissions for camera and microphone are granted.

8. SPECIFICATIONS

Feature	Specification
Brand	DELTA
Model Number	DELTA HOME 003
Lock Type	Biometric
Unlocking Methods	3D Face, Fingerprint, Mobile App, RFID Card, PIN, Mechanical Key
Material	Aluminium alloy
Connectivity	Wi-Fi
Product Dimensions (LxWxH)	44 x 24 x 14 cm
Item Weight	2.99 kg
Door Thickness Compatibility	Min 40 mm, Max 110 mm

Special Features	3D Face, Two-way intercom, Live camera stream, 3 years warranty

9. WARRANTY INFORMATION

The DELTA Z1 PRO Smart Door Lock comes with a **3-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, unauthorized repairs, or external factors.

10. SUPPORT

For technical assistance, troubleshooting, or warranty claims, please contact DELTA customer support:

- **Manufacturer:** DELTA HOME
- **Address:** Delta Locks F509, F Block, PNTC Tower, Radio Mirchi Road, Vejalpur, Ahmedabad, Gujarat, IN, 380015
- **Phone:** +916359691267