PINEWORLD Q106

PINEWORLD Q106 Bluetooth Smart Door Lock User Manual

Model: Q106

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your PINEWORLD Q106 Bluetooth Smart Door Lock. The Q106 is a keyless deadbolt lock designed for enhanced security and convenience, offering multiple unlocking methods including fingerprint, password, Tuya App, and mechanical key.

Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

Image 1.1: Front and back view of the PINEWORLD Q106 Smart Door Lock.

2. PRODUCT FEATURES

- **Multiple Unlocking Methods:** Access your door using smart fingerprint recognition, the Tuya App via Bluetooth, a user-defined password, or a traditional mechanical key. The system supports up to 100 users.

- **Advanced Security:** Constructed from high-strength aluminum alloy, featuring semiconductor fingerprint recognition to prevent unauthorized access from fake fingerprints. Includes a virtual password function for

enhanced privacy during entry.

- **Automatic Locking:** A built-in sensor detects when the door is closed and automatically engages the lock, providing immediate security.

- **Durable Design:** IP65 waterproof certification ensures the lock can withstand temperatures from -25°C to 50°C (-77°F to 122°F) and exposure to rainfall.

- **Versatile Installation:** Suitable for door thicknesses between 35mm and 55mm. Compatible with wooden doors and UPVC composite doors. Supports reversible handle orientation for left-outside, left-inside, right-outside, and right-inside door opening configurations.

Image 2.1: Illustration of the four unlocking methods: Tuya App, Smart Fingerprint, User Password, and Mechanical Key.

Image 2.2: Key features including Tuya App Control, Bluetooth 4.0, Fingerprint Unlock, and 100 user management capacity.

3. SETUP AND INSTALLATION

3.1 Pre-Installation Check

Before beginning installation, verify your door's specifications:

- **Door Thickness:** The PINEWORLD Q106 is designed for doors with a thickness between 35mm and 55mm.
- **Door Material:** Suitable for wooden doors and UPVC composite doors.
- **Door Handing:** The lock supports reversible handle orientation, accommodating left-outside, left-inside, right-outside, and right-inside door opening directions.

3.2 Installation Dimensions

Refer to the diagram below for precise measurements required for drilling and mounting the lock components.

Image 3.1: Diagram illustrating the required door preparation dimensions for installation, including backset (60mm or 70mm) and bore hole diameters.

3.3 Tuya App Setup

1. Download the Tuya Smart App from your device's app store (available for Android and iOS).
2. Register or log in to your Tuya account.
3. Ensure Bluetooth is enabled on your smartphone.
4. Follow the in-app instructions to add your PINEWORLD Q106 lock. This typically involves activating the lock's pairing mode and confirming the connection within the app.

4. OPERATING INSTRUCTIONS

4.1 Unlocking the Door

- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will recognize your fingerprint in approximately 0.3 seconds and unlock within 1 second.
- **Password Unlock:** Enter your registered password on the keypad.

- **Tuya App Unlock:** Open the Tuya Smart App on your smartphone, ensure you are within Bluetooth range, and use the unlock function within the app interface.

- **Mechanical Key Unlock:** Insert the provided mechanical key into the keyhole and turn to unlock the door. This method serves as a backup.

4.2 Virtual Password Function

To enhance security and prevent others from observing your password, the lock supports a virtual password function. You can enter random digits before or after your actual password. For example, if your password is **123456**, you can enter **012345678**, and the lock will still recognize the correct sequence within the longer string.
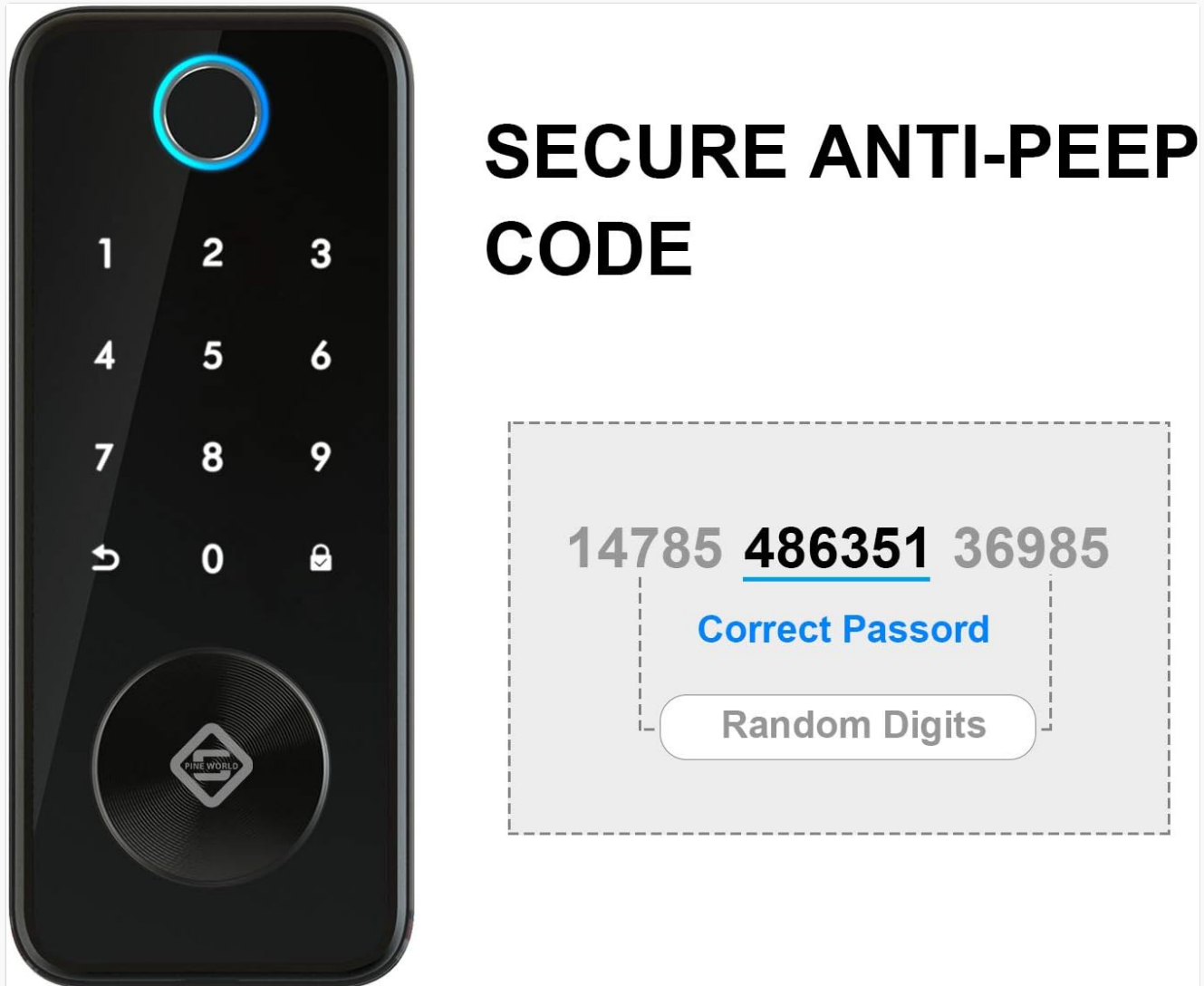

Image 4.1: Demonstration of the secure anti-peep code feature, allowing random digits to be entered around the correct password.

4.3 Automatic Locking

The PINEWORLD Q106 features an automatic locking mechanism. Once the door is closed, the built-in sensor detects its position and automatically engages the deadbolt, securing your premises without manual intervention.

Image 4.2: Illustration of the auto-lock function, showing the lock automatically engaging when the door closes.

4.4 User Management

The lock system supports the registration of up to 100 users. Administrator settings and user settings can be managed through the Tuya App, allowing for easy addition, modification, or deletion of fingerprints and passwords.

5. MAINTENANCE

5.1 Cleaning

To maintain the appearance and functionality of your lock, regularly wipe the exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish and electronic components.

5.2 Battery Replacement

The PINEWORLD Q106 operates on batteries (not included). When the battery level is low, the lock will provide an alert. Replace batteries promptly to ensure continuous operation. Refer to the installation guide for instructions on accessing the battery compartment.

5.3 Weather Resistance

The lock is IP65 waterproof certified, designed to withstand various weather conditions including rain and extreme temperatures. However, prolonged exposure to direct, heavy water spray or submersion should be avoided.
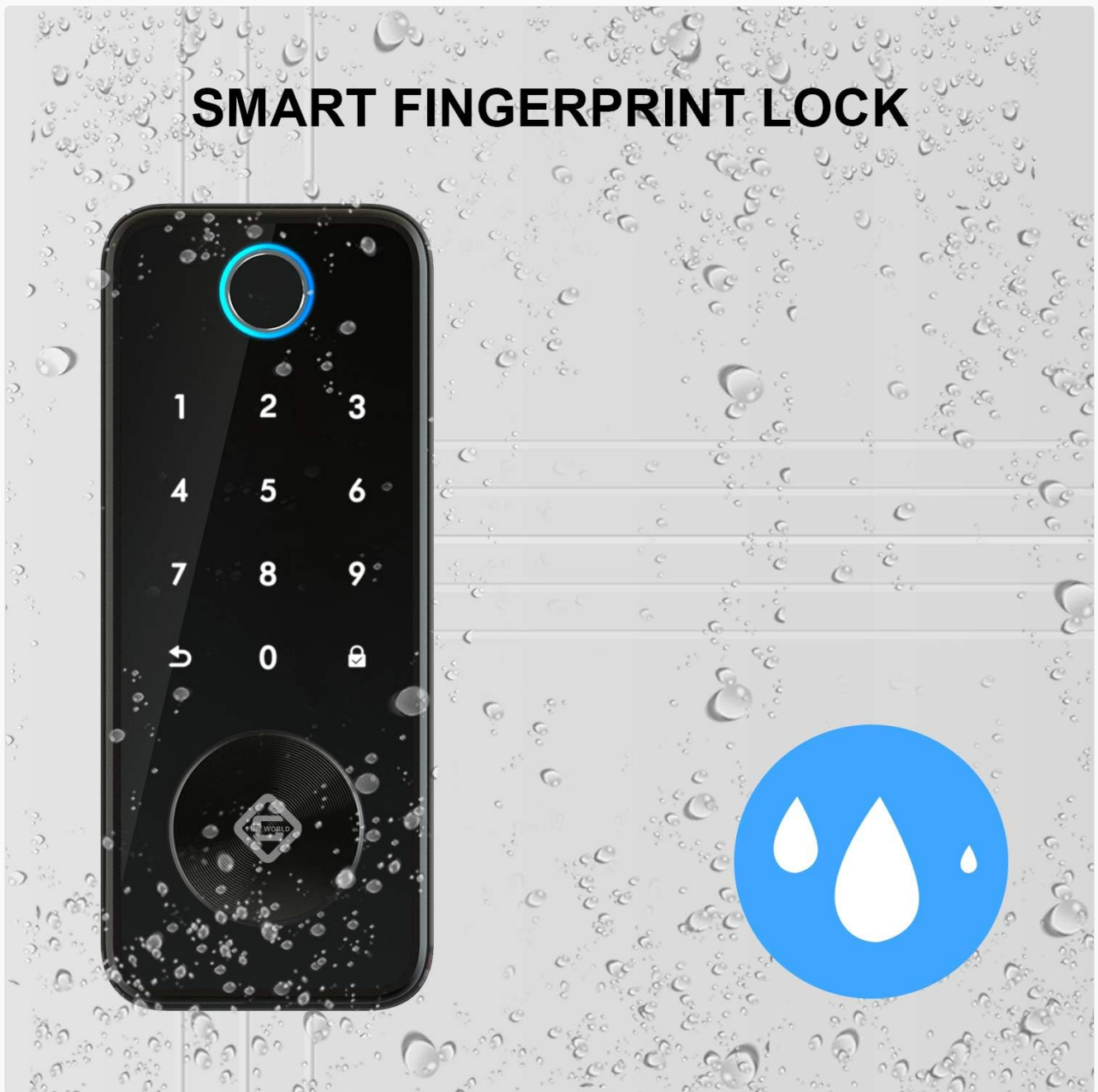

Image 5.1: The PINEWORLD Q106 lock demonstrating its IP65 waterproof capability, suitable for outdoor use.

6. TROUBLESHOOTING

If you encounter issues with your PINEWORLD Q106 smart door lock, consider the following general troubleshooting steps:

- **Lock Not Responding:** Check battery levels and replace if necessary. Ensure the lock is properly installed and all connections are secure.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if recognition issues persist.
- **Password Entry Issues:** Verify the correct password is being entered. Try the virtual password function to rule out observation errors.

- **App Connectivity Problems:** Ensure Bluetooth is enabled on your phone and you are within range of the lock. Restart the Tuya App or your phone.
- **Mechanical Key Not Working:** Ensure the key is fully inserted and turned correctly. Do not force the key.

For persistent issues, consult the Tuya App's help section or contact customer support.

7. SPECIFICATIONS

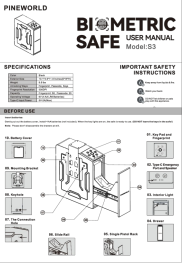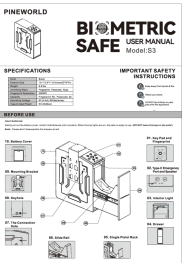| Feature	Specification
Model	Q106
Brand	PINEWORLD
Lock Type	Biometric Smart Deadbolt
Unlocking Methods	Fingerprint, Password, Tuya App (Bluetooth), Mechanical Key
User Capacity	Up to 100 users
Connectivity	Bluetooth
Controller Type	Android (via Tuya App)
Material	Aluminium
Color	Silver
Door Thickness Compatibility	35mm - 55mm
Operating Temperature	-25°C to 50°C (-77°F to 122°F)
Waterproof Rating	IP65
Batteries	Not included
Package Dimensions	24.79 x 21.01 x 10.9 cm
Package Weight	1.84 kg

8. WARRANTY AND SUPPORT

PINEWORLD provides a **1-year warranty service** for the Q106 Smart Door Lock, covering manufacturing defects and malfunctions under normal use. Additionally, customers are eligible for a **30-day free return and exchange policy** from the date of purchase.

For warranty claims, technical support, or any inquiries regarding your product, please contact PINEWORLD customer service through the contact information provided with your purchase or on the official PINEWORLD website.

Related Documents - Q106

	[PINEWORLD S3 Biometric Safe User Manual: Setup, Installation & Operation Guide](#) Comprehensive user manual for the PINEWORLD S3 Biometric Safe. Learn how to set up, add users, install, clean, and maintain your safe for optimal security.
	[PINEWORLD K3 Pro Biometric Safe User Manual - Secure Your Valuables](#) Comprehensive user manual for the PINEWORLD K3 Pro Biometric Safe. Learn how to install batteries, set passcodes, use fingerprint recognition, bind to the FC Smarthome APP, and secure your items.
	[PINEWORLD E202PRO Smart Lock APP User Manual](#) User manual for the PINEWORLD E202PRO Smart Lock, detailing app download, device setup, password and fingerprint management, remote unlock, and WiFi configuration.
	[PINEWORLD K6 Biometric Smart Safe User Manual - Setup, Features, and FAQ](#) Comprehensive user manual for the PINEWORLD K6 Biometric Smart Safe. Learn about its features, components, specifications, installation, operation, troubleshooting, and FCC compliance.
	[Aegislink Q106 Smart Lock User Manual: Installation, Features, and Operation](#) This user manual provides comprehensive instructions for the Aegislink Q106 Smart Lock, covering installation, safety guidelines, basic and advanced functions, app integration, specifications, and frequently asked questions.
	[PINEWORLD S3 Biometric Safe User Manual: Setup, Installation & Operation Guide](#) Comprehensive user manual for the PINEWORLD S3 Biometric Safe. Learn how to set up, add users, install, clean, and maintain your safe for optimal security.