

Darawf K9-001

Palm Recognition Keyless-Entry Keypad Smart Lock User Manual

Model: K9-001

PRODUCT OVERVIEW

The Darawf K9-001 Palm Recognition Keyless-Entry Keypad Smart Lock is an advanced digital door lock designed for residential security and keyless convenience. It integrates innovative palm vein recognition technology, a digital keypad, and traditional key access, offering multiple methods for secure entry. This smart lock is engineered for ease of installation and broad user applicability, including children and the elderly.



Image: The Darawf K9-001 Smart Lock, showcasing its palm recognition sensor, keypad, and a visual representation of palm vein scanning.

Key Features:

- **Palm Recognition Technology:** Utilizes palm vein patterns for secure, contactless, and highly accurate unlocking, unaffected by surface conditions like sweat or dust.
- **Multiple Unlocking Methods:** Supports palm vein recognition, passcode entry via keypad, remote unlocking (via app, if connected), and traditional physical key access.
- **Broad User Applicability:** Designed to be accessible for all ages, including children and the elderly, due to the stability of palm vein characteristics over time and adaptable recognition range.
- **Enhanced Security:** Palm vein patterns are unique and difficult to replicate, with ID information stored securely on the device.
- **Infrared Sensing:** Features an infrared sensor for palm recognition. Users should be aware of potential battery consumption if obstructions are within 30cm of the camera.

SETUP AND INSTALLATION

The Darawf K9-001 Smart Lock is designed for straightforward installation, typically completed within 15 minutes. It is compatible with standard door preparations. Please ensure your door meets the specified dimensions and lock body requirements before beginning installation.

Included Components:

- K9001 deadbolt door lock unit
- 2 Standard Keys
- Latch mechanism
- Strike Plate
- Installation Instructions (physical copy)
- Programming Instructions (physical copy)

Door Preparation Requirements:

- **Door Thickness:** 1-3/8" to 1-3/4" (35mm to 51mm)
- **Backset:** 2-3/8" or 2-3/4" (60mm or 70mm)
- **Cross Bore:** 2-1/8" (54mm)
- **Edge Bore:** 1" (25mm)

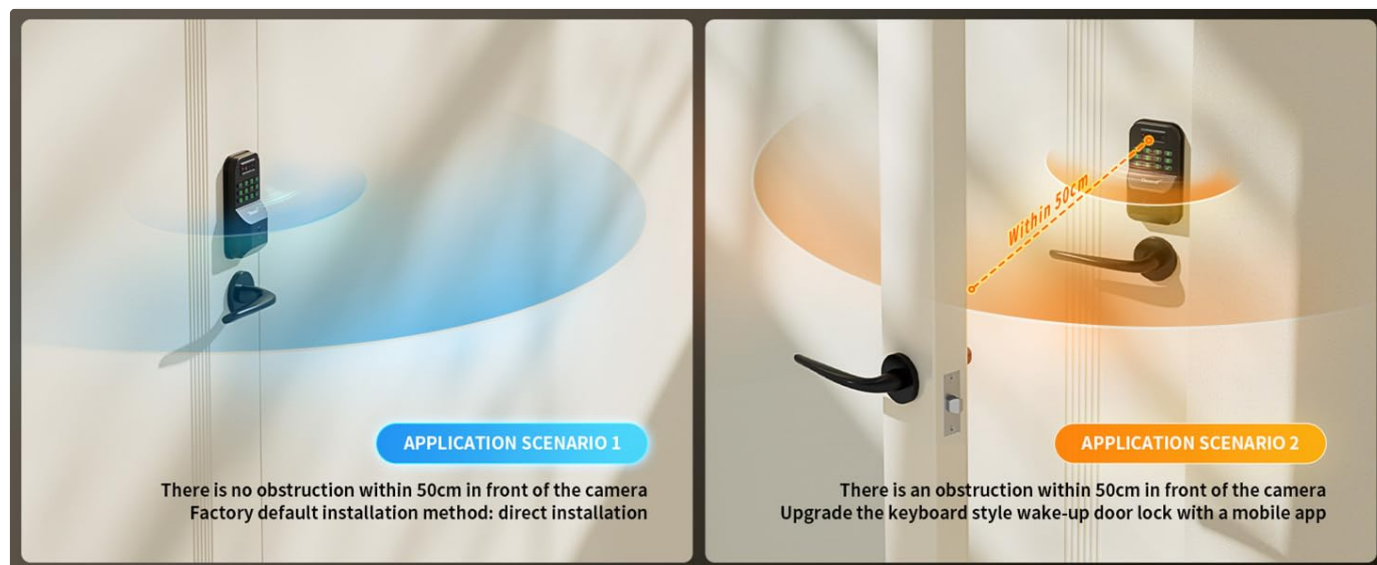


Image: Detailed diagram illustrating door thickness, backset, cross bore, and edge bore requirements for proper installation of the smart lock. It also shows compatibility with single hole lock bodies and incompatibility with double hole lock bodies.

For detailed step-by-step installation instructions, please refer to the physical "Installation Instructions" manual included in your product packaging. Ensure all components are correctly aligned and secured for optimal performance.

OPERATING INSTRUCTIONS

The Darawf K9-001 Smart Lock offers several convenient and secure methods for unlocking your door.

Unlocking Methods:

- **Palm Vein Recognition:**

To unlock using palm recognition, simply wave your hand in front of the sensor. The lock will scan your unique palm vein pattern. The recognition range is approximately 120mm-250mm from the sensor. This method is

contactless and highly accurate, functioning reliably even with wet, dusty, or aged hands. It is suitable for users of all ages.

PALM VEIN PRIVACY PROTECTION IS SAFER

360° wave to open the door, more convenient,
can be recognized from a distance
Suitable for people of different heights: 360°




ELDERLY PEOPLE


CHILD


YOUNG PEOPLE



**360 ° HAND SWING
TO OPEN THE DOOR**
ADAPT TO MORE HEIGHT GROUPS



**PRIVACY PROTECTION
MORE RIGOROUS**
PALM VEIN RECOGNITION IS SAFER

Image: A hand waving in front of the smart lock, demonstrating the palm vein recognition feature. The image highlights the 360-degree wave motion and the recognition distance, emphasizing its suitability for various age groups.

- **Passcode Unlocking:**

Enter your pre-programmed passcode on the digital keypad. Press the checkmark button after entering the code to confirm and unlock the door.

- **Remote Unlocking (via App):**

If the smart lock is connected to your home Wi-Fi network and paired with the compatible mobile application, you can unlock the door remotely using your smartphone. Refer to the "Programming Instructions" for app setup and usage.

- **Key Unlocking:**

For traditional access or in case of power failure, use one of the provided physical keys to manually unlock the deadbolt.



**SAFER AND MORE CONVENIENT THROUGH
INFRARED SCANNING OF PALM VEIN BLOOD
VESSEL INFORMATION**

Safer and more convenient

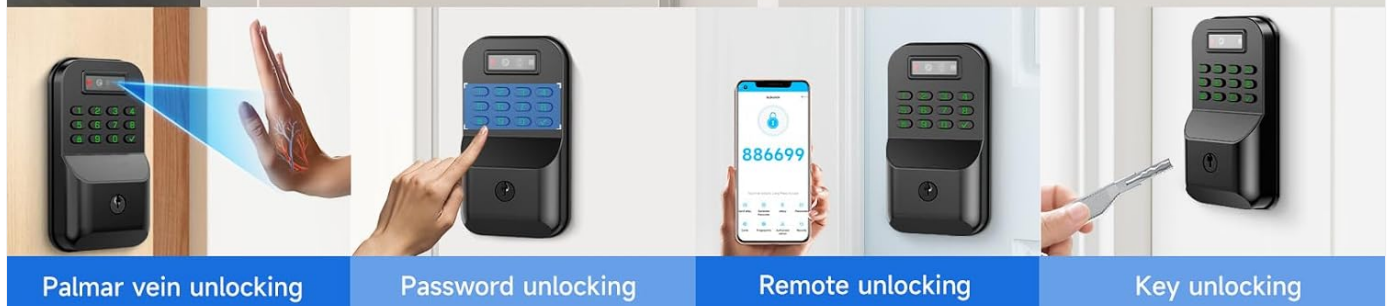


Image: A composite image illustrating the four primary unlocking methods: palm vein recognition, passcode entry, remote unlocking via a mobile app, and traditional key access.

Voice Control Compatibility:

The Darawf K9-001 Smart Lock is compatible with smart home devices for voice control, allowing you to unlock your door using voice commands. This feature requires integration with a compatible smart home system and proper setup via the mobile application.

Voice Control

Compatible with Smart Device



Image: The smart lock shown alongside a smart speaker, depicting a user issuing a voice command to unlock the door, demonstrating voice control compatibility.

MAINTENANCE

To ensure the longevity and optimal performance of your Darawf K9-001 Smart Lock, regular maintenance is recommended.

- **Cleaning:** Gently wipe the keypad and palm recognition sensor with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or electronic components.
- **Battery Replacement:** The lock operates on batteries (not included). Monitor the battery level indicator (if available via app or on the lock itself) and replace batteries promptly when low to prevent loss of function. Always use high-quality alkaline batteries.
- **Mechanical Check:** Periodically check that the deadbolt operates smoothly and that all screws are securely fastened.

TROUBLESHOOTING

This section addresses common issues you might encounter with your smart lock.

Issue: Rapid Battery Drain due to Infrared Sensing

The door lock camera has an infrared sensing function. If there is another door or object blocking the sensor within a 30-centimeter range for an extended period, the infrared sensing may remain active, leading to rapid battery consumption.

- **Solution:**

- Ensure no permanent obstructions are within 30cm of the camera sensor.
- If an external door or obstruction is unavoidable, refer to the product's video instructions (if provided with the product) for guidance on upgrading the product's settings to a keyboard-style wake-up mode via the mobile app. In this mode, the infrared light activates only after a key on the keypad is pressed, reducing continuous sensing.

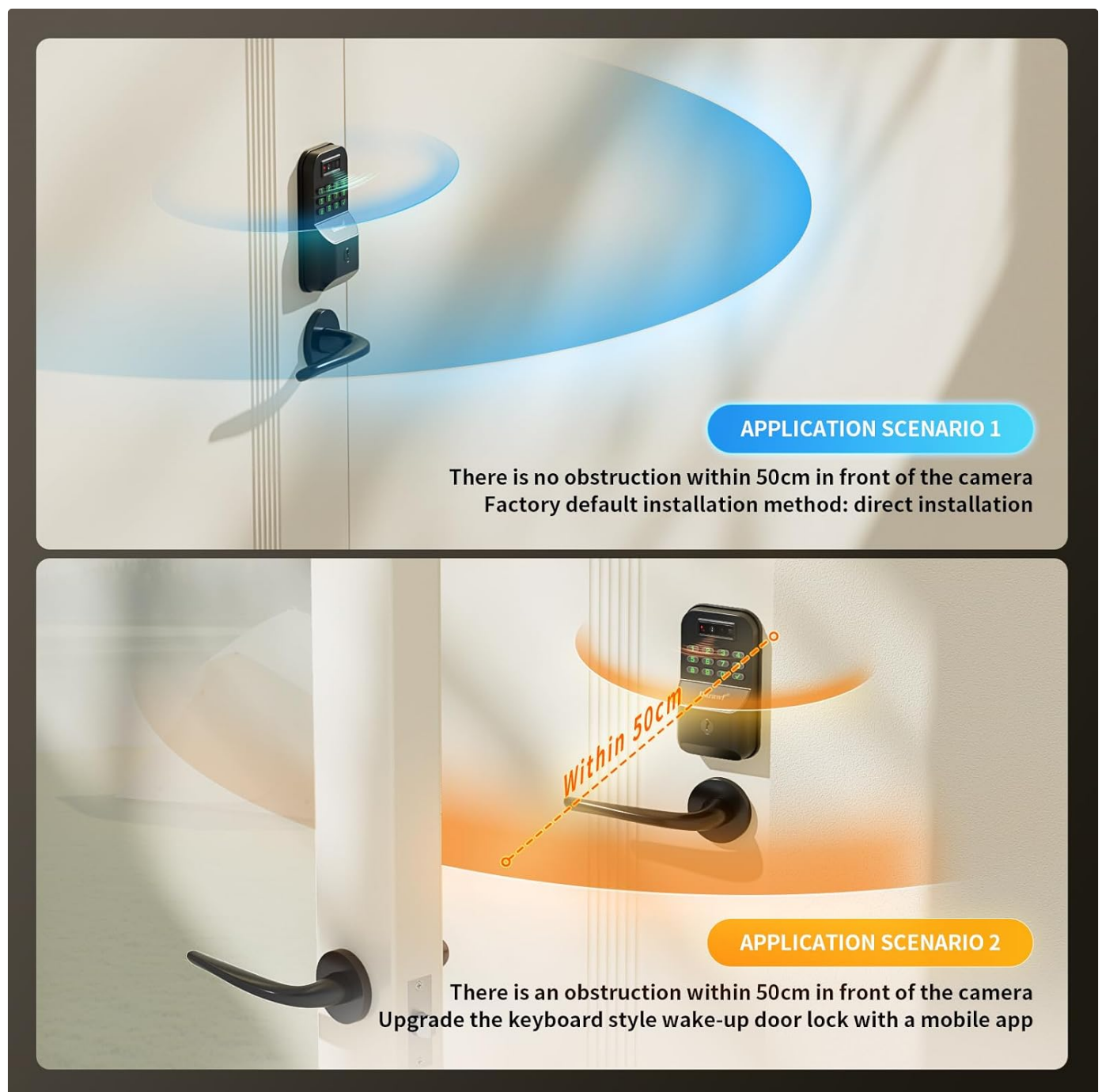


Image: Two scenarios illustrating the infrared sensor's operation. Scenario 1 shows no obstruction, allowing default installation. Scenario 2

shows an obstruction within 50cm, requiring an upgrade to keyboard-style wake-up via the mobile app to prevent continuous infrared activation.

General Troubleshooting Tips:

- **Lock Not Responding:** Check battery levels and replace if necessary. Ensure the lock is properly installed and all connections are secure.
- **Palm Recognition Failure:** Ensure your hand is clean and positioned correctly within the recognition range (120mm-250mm). Re-register your palm if issues persist.
- **Passcode Not Working:** Verify the correct passcode is being entered. Ensure the keypad is clean and responsive.
- **App Connectivity Issues:** Check your Wi-Fi connection and ensure the lock is within range of your router. Restart the app and the lock if necessary.

If you encounter issues not covered here, please consult the full "Programming Instructions" manual or contact Darawf customer support for assistance.

SPECIFICATIONS

Brand	Darawf
Model Name	K9
Item Model Number	K9-001
Lock Type	Biometric (Palm Recognition), Keypad, Key
Special Feature	Palm Recognition, Keyless Entry, Fingerprint (as per Amazon listing, though primary is palm)
Material	Metal
Color	Black
Finish Type	Painted
Item Dimensions (L x W x H)	5.5 x 2.99 x 1.18 inches (140mm x 76mm x 30mm approx.)
Item Weight	2.38 pounds
Recommended Uses	Residential security, keyless convenience
Style	Palmar vein recognition + Bluetooth + APP
Controller Type	Android, Hand Control, Mechanical knob
Control Method	Remote
Connectivity Protocol	Wi-Fi
Batteries Included?	No
Batteries Required?	Yes (Type not specified, typically AA or AAA)

WARRANTY AND SUPPORT

Warranty Information:

Specific warranty details for the Darawf K9-001 Smart Lock are typically provided with the product packaging or can be obtained directly from the manufacturer. Please refer to the documentation included with your purchase for comprehensive warranty terms and conditions.

Customer Support:

For technical assistance, troubleshooting guidance, or any inquiries regarding your Darawf K9-001 Smart Lock, please contact Darawf customer support. Contact information is usually available in the product manual or on the official Darawf website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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