



# Frequently Asked Question

## Fingerprint attendance device DS-K1T8005EFWX-B

By : Hikvision

### 1. What authentication methods are supported?

- Fingerprint recognition
- EM card authentication
- PIN code entry

### 2. Does it support network connectivity?

- Yes, it supports both **wired Ethernet** and **Wi-Fi (2.4 GHz, AP mode)**.

### 3. What's the storage capacity?

- Up to **3,000 fingerprints**
- Up to **3,000 cards**
- Stores **100,000 event logs**.

### 4. Can it track attendance?

- Yes, it includes a **built-in time and attendance function**, ideal for workplaces.

### 5. Can I manage it remotely?

- Absolutely! You can configure it via a **web client** for remote access and management.

### 6. What are the power options?

- Operates on **12 VDC**
- Supports **battery backup** via an optional bracket.

### 7. Is it compatible with other Hikvision systems?

- Yes, it supports **ISAPI and ISUP 5.0 protocols** for seamless integration.

## Q: HOW DO I SET UP THE DS-K1T8005EFWX-B?

### ❖ Physical Installation

#### 1. Mount the Device:

- Use the supplied mounting plate and screws.
- Ensure the wall can support at least 3× the device's weight.
- Apply silicone sealant around the wiring area to prevent moisture ingress.

#### 2. Wiring:

- Connect power (12 VDC) and network cables.
- Optional: Wire magnetic lock, exit button, and door contact input if using access control features.

### ❖ Network Configuration

#### 1. Connect to Network:

- Use either **RJ-45 Ethernet** or **Wi-Fi (2.4 GHz AP mode)**.
- Ensure the device is powered and connected before proceeding.

#### 2. Activate the Device:

- Use **SADP Tool** or **iVMS-4200** to detect and activate the device.
- Set a secure password during activation.

### ❖ User & Access Setup

#### 1. Add Users:

- Register fingerprints, EM cards, or PINs via the device interface or iVMS-4200.
- Assign access levels and time schedules.

#### 2. Configure Time Attendance:

- Set up time tables and attendance rules in iVMS-4200.
- Generate reports and monitor logs.

### ❖ Software Integration

- Use **iVMS-4200** for full configuration, monitoring, and attendance management.
- You can also access settings via the web client for remote management.

### ❖ Helpful Video Tutorials

These videos walk you through setup and configuration steps with visual guidance:

1. [Hik Vision DS-K1T8003MF with iVMS-4200 Time Attendance](#)  
Covers activation, user setup, access control sync, and attendance reporting using iVMS-4200.
2. [Hikvision Fingerprint Time Attendance & Access Control](#)  
Demonstrates terminal activation, adding cards and fingerprints, and organizing users.
3. [DS-K1T804 BMF Configuration, lock wiring diagram, add to Hik-Connect](#)  
Shows wiring for magnetic locks and remote access setup via Hik-Connect.

## Q: What are common troubleshooting tips for this device?

### ❖ Device Not Powering On

- **Check power supply:** Ensure the 12 VDC adapter is securely connected and delivering power.
- **Inspect wiring:** Loose or damaged wires can prevent startup.
- **Try a different outlet:** Rule out power source issues.

### ❖ Network Connectivity Issues

- **Verify Ethernet or Wi-Fi setup:** Confirm the RJ-45 cable is properly connected or Wi-Fi credentials are correct.
- **Use SADP Tool:** Scan the network to detect the device and check IP settings.
- **Firewall settings:** Make sure your firewall isn't blocking the device's communication.

### ❖ Fingerprint/Card Recognition Problems

- **Clean the sensor:** Dust or smudges can interfere with fingerprint scans.
- **Re-register users:** If recognition fails repeatedly, delete and re-enroll the user.
- **Check fingerprint quality:** Dry or oily fingers may reduce accuracy.

### ❖ Time Attendance or Access Logs Missing

- **Check storage capacity:** Ensure the device hasn't reached its 100,000 event log limit.
- **Sync with iVMS-4200:** Make sure the software is properly connected and configured.
- **Export logs regularly:** Prevent overflow and data loss.

### ❖ Door Control Not Working

- **Inspect lock wiring:** Confirm magnetic lock and exit button are wired correctly.
- **Test door contact input:** Ensure the sensor is functioning.
- **Use web client or iVMS-4200:** Check access control settings.

### ❖ General Fixes for No Video or Device Glitches

- [Here's 7 Fixes for Hikvision No Video Problem! | Quick & Easy ...](#)  
This video walks through power checks, network troubleshooting, and file repair techniques that apply to Hikvision devices experiencing display or connectivity issues.

### ❖ Advanced Troubleshooting Tools

- **SADP Tool:** Detect and configure devices on the network.
- **iVMS-4200:** Manage users, access control, and attendance.
- **Web Client:** Remote configuration and diagnostics.

## **Q: HOW CAN I REGISTER FINGERPRINTS IN THIS DEVICE?**

### **❖ Method 1: Registering Fingerprints via Device Interface**

#### **1. Log in as Administrator:**

- Use your admin PIN or card to access the menu.

#### **2. Navigate to Personnel Management:**

- Go to User Management > Add Person.

#### **3. Enroll Fingerprint:**

- Select Fingerprint as the credential type.
- Place the finger on the scanner multiple times until the system confirms successful enrollment.

#### **4. Save and Assign Access Rights:**

- Assign time schedules and access permissions.
- Save the user profile.

### **❖ Method 2: Registering via iVMS-4200 Software**

#### **1. Connect Device to iVMS-4200:**

- Add the device under Device Management.
- Ensure it's activated and online.

#### **2. Go to Access Control > Person and Card:**

- Create or select an organization.
- Add a new person with basic details.

#### **3. Enroll Fingerprint:**

- Connect a fingerprint enrollment station via USB.
- Select the correct device type and COM port.
- Click Start and place the finger on the scanner.
- Click Stop once the fingerprint is collected.

#### **4. Link Fingerprint to Card (Optional):**

- Swipe the card on the enrollment station.
- Link the fingerprint to the card for multi-factor authentication.

#### **5. Save and Sync:**

- Save the profile and sync it with the device.

## ❖ Helpful Video Tutorials

These videos walk you through the fingerprint registration process visually:

- [Hikvision Access Control How to Enroll Fingerprints on iVMS-4200](#)  
Shows how to add users, connect fingerprint scanners, and link credentials in iVMS-4200.
  - [Hikvision Fingerprint Time Attendance & Access Control](#)  
Demonstrates fingerprint collection and access control setup using the terminal and software.
  - [Hik Vision DS-K1T8003MF with iVMS-4200 Time Attendance](#)  
Covers user creation, fingerprint enrollment, and attendance configuration.
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