



Frequently Asked Question

Fingerprint attendance device DS-K1T201AMF

By : Hikvision

❖ General Features

- **What is the DS-K1T201AMF?**

- It's a fingerprint access control terminal with a 2.8-inch LCD touchscreen, supporting fingerprint, card, and password authentication.

- **How many users can it support?**

- Up to 5,000 users, 100,000 cards, and 300,000 event logs.

- **Does it support Wi-Fi?**

- Yes, it supports 2.4 GHz Wi-Fi for network connectivity.

❖ Configuration & Operation

- **How do I configure the door opening mode?**

- Go to the System menu → select Door Opening Mode → choose from options like card only, card + fingerprint, etc.

- **Can I change the doorbell ringtone?**

- Yes. Navigate to System → System, then adjust the ringtone and volume settings.

- **How do I activate the device?**

- Activation is done via the local interface or through client software after installation.

❖ Installation & Maintenance

- **What are the installation requirements?**

- It can be wall-mounted and requires a 12V DC/2A power supply. Operating temperature ranges from -30°C to 60°C.

- **Is there a user manual available?**

- Yes! You can view or download the full [150-page English manual](#) for detailed setup and troubleshooting.

❖ Troubleshooting

- **Why is the keypad not responding?**
 - Check power status, clean the keypad, and ensure the device isn't in sleep mode. If issues persist, restart the device or contact support.
 - **How do I reset the device?**
 - A factory reset can be performed via the system settings, but note that this will erase all data.
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Q: What are the advanced features of the DS-K1T201AMF?

❖ Advanced Capabilities

- **Multi-Authentication Support**
 - Offers fingerprint, card, password, and combinations of these for flexible access control.
- **High-Capacity Storage**
 - Stores up to 5,000 fingerprints, 100,000 cards, and 300,000 access events, making it ideal for large organizations.
- **Real-Time Event Uploading**
 - Instantly sends access logs to the server, ensuring up-to-date monitoring and faster response times.
- **Offline Event Storage**
 - Keeps access records even during network outages, preventing data loss.
- **Touch Mode with Blue Light Display**
 - Enhances user interaction and visibility, especially in low-light environments.
- **Tamper Detection & Alarm Features**
 - Alerts for forced entry, invalid card swipes, and device tampering to boost security.
- **ISUP5.0 Protocol Support**
 - Enables public network communication and integration with other Hikvision systems.

- **Multiple Communication Interfaces**
 - Includes **Wi-Fi, TCP/IP, RS-485, Wiegand, and USB**, offering flexible connectivity options.
 - **Standalone Operation**
 - Can function independently without needing a connected server, useful for remote or smaller setups.
 - **Permanent Data Retention**
 - Retains all stored data even after power loss, ensuring continuity and reliability.
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Q: Can you guide me on how to configure this device?

❖ **Step-by-Step Configuration Guide**

1. Initial Activation

- Power on the device and connect it to your network (via Wi-Fi or LAN).
- Use the **SADP Tool** or **iVMS-4200** software to detect and activate the device by setting a strong password.

2. Add the Device to iVMS-4200

- Open iVMS-4200 → Go to **Device Management**.
- Click **Add**, enter the device IP, username, and password.
- Once added, the device will appear in your list.
- [Hik Vision DS-K1T8003MF with iVMS-4200 Time Attendance ...](#) – This video walks through adding the device, configuring users, and syncing access control settings.

3. Configure Authentication Modes

- On the device or via iVMS-4200, go to **Access Control → Authentication Mode**.
- Choose from options like **Fingerprint Only, Card + Fingerprint, or Card + Password**.
- [HOW TO: Setup Pin Code Access on Hikvision Access Control ...](#) – Shows how to set up PIN codes and access groups.

4. Enroll Users

- Navigate to **Person** → **Add Person** in iVMS-4200.
 - Assign a user ID, name, and credentials (fingerprint, card, password).
 - Sync the user data to the device.
- [Hikvision Fingerprint Time Attendance & Access Control ...](#) – Demonstrates how to add users, collect fingerprints, and assign cards.

5. Set Time Attendance Rules (Optional)

- Go to **Time Attendance** → **Schedule Settings**.
 - Define work shifts, holidays, and attendance rules.
 - Assign users to schedules and generate reports.
- [How to Configure Hikvision Fingerprint Time Attendance System](#) – Offers a full walkthrough of time attendance setup using iVMS-4200.

6. Test and Monitor

- Use **Real-Time Monitoring** in iVMS-4200 to verify access logs.
 - Test different authentication methods to ensure proper configuration.
- [Hik Vision DS-K1T8003MF with iVMS-4200 Checking and ...](#) – Shows how to check logs and generate attendance reports.

Q: What should I do if the device doesn't connect?

❖ **Basic Checks**

- **Power Supply:** Ensure the device is properly powered on. Look for LED indicators or screen activity.
- **Cables & Ports:** Double-check that all network cables are securely connected and undamaged.
- **Restart the Device:** Sometimes a simple reboot can resolve temporary glitches.

❖ **Network Configuration**

- **IP Address Conflict:** Use the **SADP Tool** to scan your network and verify the device has a valid, unique IP address.
- **Subnet & Gateway:** Make sure the device's IP settings match your local network's range.
- **DNS Settings:** Set DNS to **8.8.8.8** and **8.8.4.4** (Google DNS) for reliable resolution.

❖ Software & Services

- **Firmware Update:** Outdated firmware can cause connectivity issues. Visit [Hikvision's official site](#) to download the latest version.
- **Enable Hik-Connect:** Go to **Configuration** → **Network** → **Advanced Settings** → **Platform Access** and ensure Hik-Connect is enabled.
- **Firewall Settings:** Check if your router or PC firewall is blocking the device or the iVMS-4200 software.

❖ Advanced Fixes

- **Direct Connection:** Temporarily connect the device directly to your PC via LAN to isolate network issues.
 - **Factory Reset:** If all else fails, perform a reset via the system menu—but back up your data first!
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