



Frequently Asked Question

Fingerprint attendance device DS-K1T673TDX

By : Hikvision

Here's a helpful overview of frequently asked questions (FAQs) for the Hikvision DS-K1T673TDX face recognition terminal:

❖ Basic Information

- **Device Type:** Face recognition access control terminal
- **Key Features:**
 - Temperature screening
 - Mask detection
 - Touch-free access
 - Integration with door control systems
 - Face recognition range: 0.3m to 2m

❖ Common FAQs

1. How do I add or remove a user?

- You can add users via the device interface or through Hikvision's software like iVMS-4200.
- Users can be removed or edited through the same platforms.

2. Does it support mask detection?

- Yes, the DS-K1T673TDX supports mask detection and can deny access if a person is not wearing one (if configured).

3. Can it operate offline?

- Yes, it stores authorized user data locally and can continue to work without internet access for access control. However, syncing or remote management needs a network connection.

4. What's the power source?

- DC 12V or PoE (Power over Ethernet), depending on your setup preference.

5. Can it be integrated with other systems?

- Absolutely. It works with Hikvision's own ecosystem and can often be integrated into third-party systems via SDK or API (requires some technical expertise).

6. Does it support RFID cards or passwords?

- Yes, in addition to facial recognition, it supports RFID and PIN-based access options.

7. How accurate is the temperature measurement?

- Typically $\pm 0.5^{\circ}\text{C}$ (accuracy may vary based on ambient conditions).

Q: Can you explain how to set up the device?

Absolutely! Here's a step-by-step guide to help you set up the **Hikvision DS-K1T673TDX** face recognition terminal:

❖ Installation Steps

1. Choose the Installation Location

- Avoid direct sunlight or strong backlight.
- Ensure there's a stable light source nearby.
- If outdoors, use a protective shield to prevent weather damage.

2. Mounting the Device

- You can use flush mounting with a gang box, surface mounting, or mounting with a bracket.
- Secure the mounting plate and route cables through the designated holes.
- Apply silicone sealant around wiring exits to prevent moisture ingress.

3. Wiring Connections

- Connect power via DC 12V or PoE.
- Wire the lock, door sensor, and other peripherals according to the wiring diagrams in the manual.
- Ensure proper connection to the network interface for remote access.

❖ Activation & Configuration

1. Activate the Device

- You can activate it via:
 - The device interface
 - Web browser
 - SADP tool
 - iVMS-4200 client software

2. Set Network Parameters

- Configure IP address, subnet mask, gateway, and DNS.
- Enable Wi-Fi or RS-485/Wiegand if needed.

3. Add Users

- Add face templates, fingerprints, cards, or PINs.
- You can do this directly on the device or via software.

4. Configure Access Control

- Set door open duration, authentication modes, and access schedules.
- Assign users to access groups.

5. Enable Features

- Turn on mask detection, temperature screening, and duress alarms if required.
- Adjust display and audio settings for user feedback.

❖ Remote Management

- Use **iVMS-4200** or **web browser** to:
 - Monitor live view
 - Manage users
 - View logs and events
 - Update firmware



Q: What are common troubleshooting steps for this device?

Here are some **common troubleshooting steps** for the Hikvision DS-K1T673TDX face recognition terminal:

❖ Device Not Powering On

- **Check power source:** Ensure DC 12V or PoE is properly connected.
- **Inspect cables:** Look for loose or damaged wires.
- **Try a different power adapter:** Use only Hikvision-recommended adapters.

❖ Network Issues

- **Verify IP settings:** Confirm correct IP address, subnet mask, and gateway.
- **Ping the device:** Use SADP or iVMS-4200 to check connectivity.
- **Check firewall/router settings:** Ensure ports used by the device are not blocked.

❖ Face Recognition Problems

- **Lighting conditions:** Avoid backlight or direct sunlight; ensure consistent lighting.
- **Clean the lens:** Dust or smudges can affect recognition accuracy.
- **Re-register user:** If recognition fails repeatedly, re-capture the face template.

❖ Temperature Screening Not Working

- **Enable feature:** Confirm temperature screening is turned on in settings.
- **Check ambient conditions:** Extreme temperatures or wind can affect readings.
- **Calibrate sensor:** Use the web interface or client software to adjust thresholds.

❖ Access Control Failures

- **Check door lock wiring:** Ensure correct connection and voltage.
- **Review access schedules:** Make sure the user is allowed access at that time.
- **Inspect authentication mode:** Confirm if face, card, or PIN is required.

❖ Wi-Fi or Communication Issues

- **Enable Wi-Fi:** Go to System → Network Settings → Wi-Fi and check the box.
- **Set correct SSID and password:** Double-check credentials.
- **Check signal strength:** Weak signals may cause intermittent connectivity.

❖ System Errors or Freezes

- **Reboot the device:** Use the web interface or power cycle.
- **Update firmware:** Ensure the latest version is installed.
- **Restore factory settings:** As a last resort, reset the device via the web interface.

Q: Can you help me troubleshoot my specific issue?

Absolutely—I've got your back Just tell me what's going wrong with your DS-K1T673TDX device. Is it a hardware issue, trouble with facial recognition, temperature screening, network setup, or something else entirely?

The more details you share—like error messages, what you've already tried, or when the issue started—the faster we can zero in on a fix together. Let's solve this!

