

Bisofice T200

BISOFICE T200 Time Attendance Face Recognition Time Clock User Manual

Model: T200

1. INTRODUCTION

The BISOFICE T200 is a multi-functional time attendance device designed for efficient employee management. It integrates advanced biometric recognition technologies including face, fingerprint, palm print, and password verification. This manual provides detailed instructions for setting up, operating, and maintaining your T200 device to ensure optimal performance and accurate attendance tracking.

Key features include high-efficiency face recognition with an infrared dual-camera, multiple verification methods, large data storage capacity, and convenient data management via USB.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x BISOFICE T200 Face Attendance Machine
- 1 x Power Adapter
- 1 x USB Cable
- 1 x Parts Kit (for mounting)
- 1 x Back Bracket
- 1 x User Manual (this document)

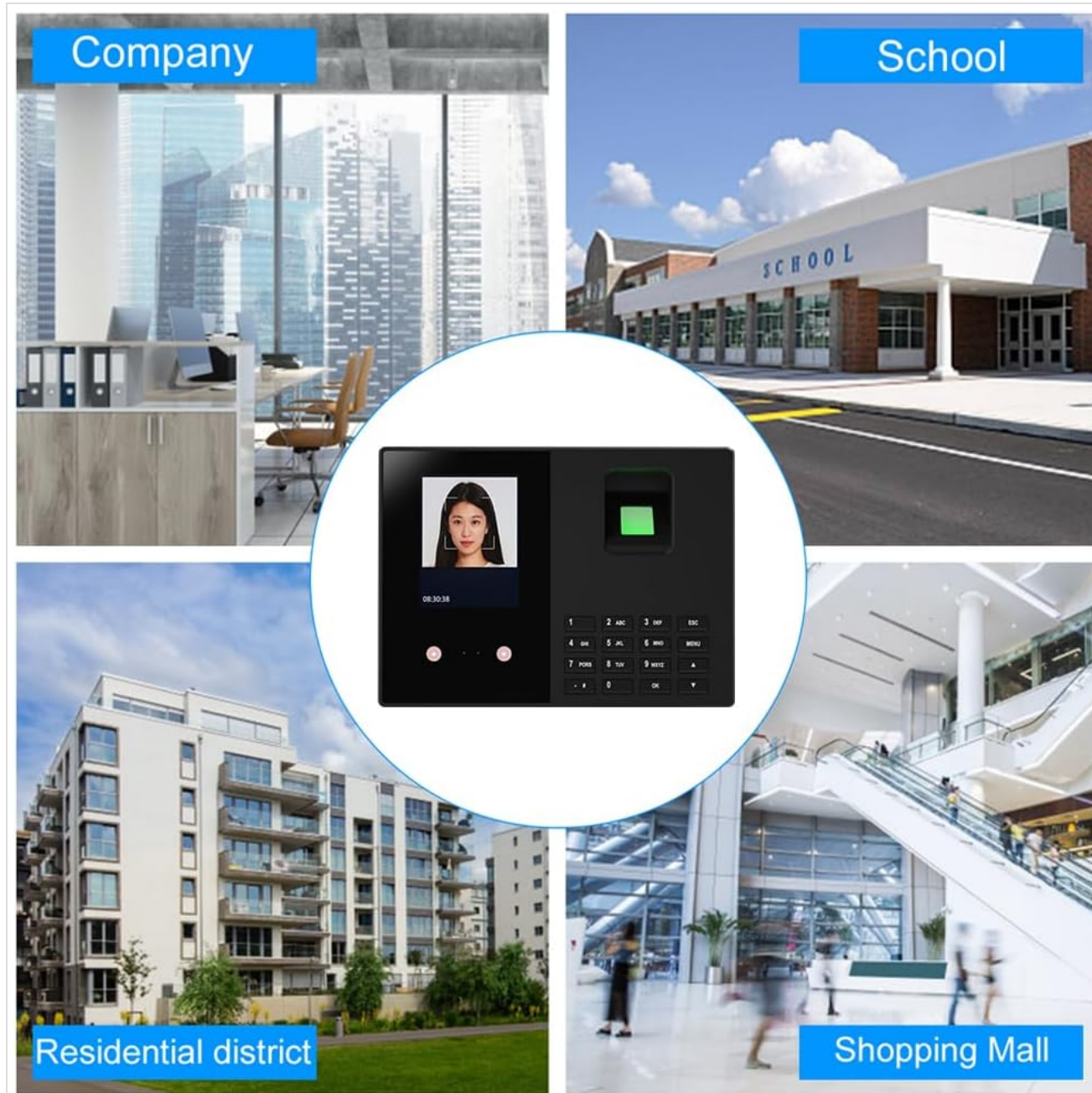


Image: Contents of the BISO FICE T200 package, including the attendance machine, power adapter, USB cable, mounting kit, back bracket, and user manual.

3. PRODUCT OVERVIEW

The BISO FICE T200 features a compact design with a 2.8-inch display, a numeric keypad, and integrated biometric sensors for face, fingerprint, and palm print recognition.

3.1 Device Layout

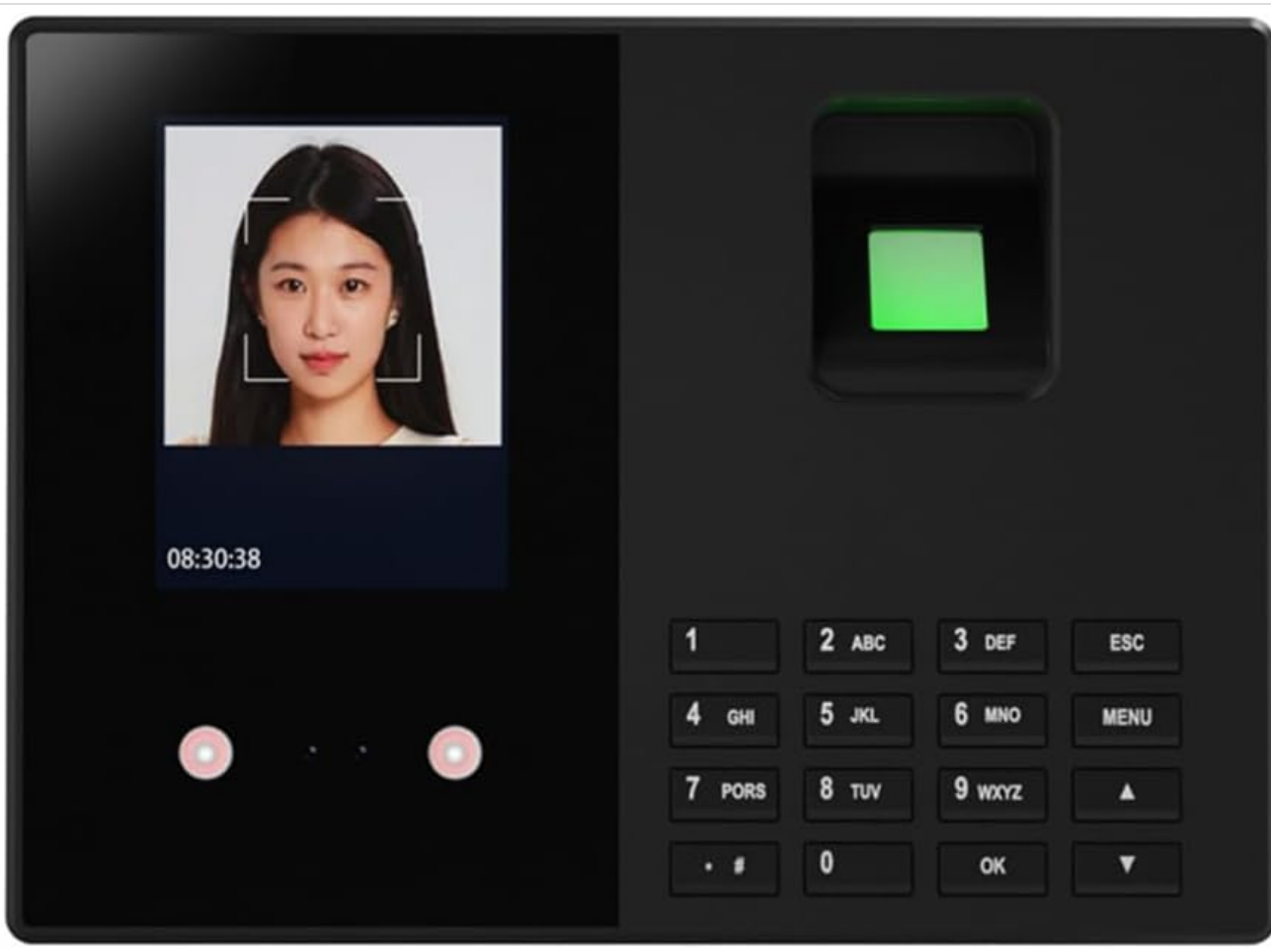


Image: Front view of the BISOFICE T200 device, showing the 2.8-inch display, face recognition camera, fingerprint sensor, and numeric keypad.



Image: Side view of the BISOFICE T200, illustrating its dimensions: 180mm length, 132mm height, and 33mm thickness.

3.2 Key Components

- **Display:** 2.8-inch TFT color LCD screen for user interface and attendance feedback.
- **Camera:** Color + infrared dual camera binocular (300,000 pixels) for face recognition, effective even in low light.
- **Fingerprint Sensor:** Optical sensor for fingerprint collection and verification.
- **Keypad:** Numeric push-button input for password entry and menu navigation.
- **USB Port:** For data transfer to a U disk (not included).
- **Power Input:** DC 5V port for connecting the power adapter.

4. SETUP

4.1 Mounting the Device

1. Choose a suitable location on a wall, ensuring it is at an appropriate height for face and palm recognition for most users.
2. Use the provided back bracket as a template to mark drilling points on the wall.
3. Drill holes and insert wall plugs.
4. Secure the back bracket to the wall using the screws from the parts kit.

5. Carefully attach the BISOFICE T200 device to the mounted back bracket.

4.2 Power Connection

1. Connect the provided power adapter to the DC 5V input port on the device.
2. Plug the power adapter into a standard electrical outlet (Input: 100-240V).
3. The device will power on automatically.

4.3 Initial Configuration

Upon first power-on, you may need to set the language, date, and time. Navigate through the on-screen menu using the keypad.

- **Supported Languages:** Chinese Simplified, English, German, French, Indonesian, Portuguese, Arabic, Spanish, Vietnamese, Thai, Japanese, Italian.

4.4 User Enrollment

To enable attendance tracking, users must be enrolled in the system. The device supports multiple enrollment methods.

Enrollment Capacities:

- User Capacity: 1000
- Face Capacity: 1000
- Fingerprint Capacity: 3000
- Palm Print Capacity: 1000
- Password Capacity: 1000
- Record Capacity: 160,000

4.4.1 Face Recognition Enrollment

1. Access the 'User Management' menu.
2. Select 'Enroll Face'.
3. Follow the on-screen prompts to position your face correctly in front of the camera. The infrared dual-camera ensures accurate capture.
4. The device will confirm successful enrollment.

Infrared Dual-Camera Binocular Face Recognition

With 300,000 pixels lens



Image: Illustration of the infrared dual-camera binocular face recognition system, highlighting its ability to capture facial data accurately.

4.4.2 Fingerprint Enrollment

1. From 'User Management', select 'Enroll Fingerprint'.
2. Place your finger on the optical fingerprint sensor.
3. Lift and re-place your finger as prompted to capture different angles for robust recognition.

Optical Fingerprint Collection

Supports multi-angle fingerprint recognition,
 $\leq 0.5s$ fast recognition



Image: A hand placing a finger on the optical fingerprint sensor for enrollment, demonstrating the multi-angle collection process.

4.4.3 Palm Print Enrollment

1. Navigate to 'User Management' and choose 'Enroll Palm Print'.
2. Position your palm above the designated area on the device as instructed by the display.
3. The infrared dual-camera will capture the palm vein characteristics for contactless recognition.



Image: A hand positioned for palm print recognition, illustrating the contactless method using the infrared dual-camera.

4.4.4 Password Enrollment

1. In 'User Management', select 'Enroll Password'.
2. Enter a unique password using the numeric keypad.
3. Confirm the password when prompted.

5. OPERATING INSTRUCTIONS

5.1 Clocking In/Out

Users can clock in or out using any of the enrolled verification methods:

- **Face Recognition:** Stand in front of the device, aligning your face with the camera. The device will recognize your face within approximately 0.6 seconds.
- **Fingerprint:** Place your enrolled finger on the fingerprint sensor. Recognition speed is approximately 0.5 seconds.
- **Palm Print:** Position your enrolled palm above the sensor. Recognition speed is approximately 0.6 seconds.

- **Password:** Enter your personal password using the keypad and press 'OK'.

The device will provide a voice prompt and display confirmation upon successful verification.

5.2 Data Management

The BISOFICE T200 stores up to 160,000 attendance records. Data can be exported for analysis and reporting.

5.2.1 Exporting Data via USB

1. Insert a U disk (USB flash drive, not included) into the USB port on the device.
2. Access the 'Data Management' menu on the device.
3. Select 'Export Data' or 'Download Report'.
4. Choose the desired date range or specific data to export.
5. The device will generate an Excel report (supported export languages include Chinese Simplified, English, German, French, Indonesian, Portuguese, Arabic, Spanish, Vietnamese, Thai, Japanese) and save it to the U disk.
6. Safely remove the U disk after the export is complete.

USB Flash Disk Download Excel Report

Note: Please prepare U-disk by yourself.



Image: The BISOFICE T200 connected to a computer via a USB flash drive, illustrating the process of downloading attendance data as an Excel report.

5.3 System Settings

The device menu allows for various system configurations, including:

- Setting up departments (up to 16).
- Configuring shifts (up to 24).
- Scheduling bells (up to 24).
- Adjusting recognition sensitivity.
- Performing manual self-tests.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BISOFICE T200 device.

6.1 Cleaning

- Ensure the device is powered off before cleaning.
- Use a soft, dry cloth to wipe the display screen and the device body.
- For the camera lens and fingerprint sensor, use a clean, lint-free cloth specifically designed for optical surfaces.
- Do not use abrasive cleaners, solvents, or spray liquids directly onto the device.

6.2 Environmental Considerations

- Operate the device within the specified temperature (0°C~45°C) and humidity (0%~80% non-condensing) ranges.
- Avoid direct sunlight or strong artificial light sources that might interfere with face recognition.
- Keep the device away from excessive dust or moisture.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your BISOFICE T200 device.

7.1 Recognition Failures

- **Issue:** Face, fingerprint, or palm print recognition fails or is slow.
- **Solution:**
 - Ensure the sensor/camera is clean and free from obstructions.
 - Verify that the user is properly enrolled and attempting to use the correct method.
 - Adjust the user's position relative to the device for optimal capture.
 - Check ambient lighting conditions; while the infrared camera assists in dim light, extreme conditions can affect performance.
 - If face recognition is overly sensitive, access system settings to adjust sensitivity levels.

7.2 Data Transfer Issues

- **Issue:** Unable to export data to a U disk.
- **Solution:**
 - Ensure the U disk is properly inserted into the USB port.

- Verify the U disk is formatted correctly (FAT32 is generally recommended).
- Check if the U disk has sufficient free storage space.
- Try using a different U disk to rule out a faulty drive.

7.3 Device Not Powering On

- **Issue:** Device does not turn on after connecting power.
- **Solution:**
 - Ensure the power adapter is securely connected to both the device and the electrical outlet.
 - Verify that the electrical outlet is functional by plugging in another device.
 - Check the power adapter for any visible damage.

8. SPECIFICATIONS

Detailed technical specifications for the BISOFICE T200 Time Attendance Machine.

Feature	Specification
Model	T200
Camera	Color + infrared dual camera binocular, 300,000 pixels
Infrared Light	Integrated
Display	2.8 inches TFT color LCD
Keyboard	Push button input
Memory	64MB
Storage	128MB
Communication Interface	U disk (USB flash drive, not included)
False Acceptance Rate	≤0.0001%
USB Flash Drive Interface	Yes
Speech Output	Yes
Clock RTC	Exterior
Operating Voltage	DC 5V±5%
Input Power	100-240V
Rated Output	DC 5V 2A
Ambient Light	0-8000Lux
Operating Temperature	0°C~45°C

Operating Humidity	0%~80% non-condensing
Product Dimensions	180mm × 132mm × 33mm
Net Weight	290g
User Capacity	1000
Face Capacity	1000
Fingerprint Capacity	3000
Palm Print Capacity	1000
Password Capacity	1000
Record Capacity	160,000
Departments	16
Shifts	24
Bells	24
Verification Methods	Face, Palm Vein, Fingerprint, Password
Confirmation Methods	FC/FP/PP/P, P+FC/FP/PP
Supported Languages	Chinese Simplified, English, German, French, Indonesian, Portuguese, Arabic, Spanish, Vietnamese, Thai, Japanese, Italian
Export Report Languages	Chinese Simplified, English, German, French, Indonesian, Portuguese, Arabic, Spanish, Vietnamese, Thai, Japanese
Self-test Function	Manual detection
Face Verification Speed	≤0.6s
Face FAR/FRR	0.00001/0.1%
Face Recognition Mode	1:N
Palmar Vein Verification Speed	≤0.6s
Palmar Vein FAR/FRR	0.00001/0.1%
Palmar Vein Recognition Pattern	1:N
Fingerprint Verification Speed	≤0.5s
Fingerprint FAR/FRR	0.00001/0.1%
Fingerprint Recognition Mode	1:N

Package Size	23.2 x 16.6 x 7cm
Package Weight	490g

9. APPLICATION SCENARIOS

The BISOFICE T200 is suitable for various environments requiring efficient and secure attendance tracking.



Image: Visual representation of various environments where the BISOFICE T200 can be effectively used, including offices, schools, residential districts, and shopping malls.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question