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› FaceSec AI Face Recognition Time Recorder FRD-W101TR User Manual

FaceSec FRD-W101TR

FaceSec AI Face Recognition Time Recorder FRD-W101TR User Manual

Model: FRD-W101TR | Brand: FaceSec

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your FaceSec AI Face Recognition Time Recorder, model FRD-W101TR. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its benefits for efficient attendance management.

PRODUCT OVERVIEW

Key Features

- **Effortless Attendance Management:** Simple operation with automatic data aggregation, eliminating the need for traditional paper time cards and significantly reducing administrative workload.
- **Advanced AI Face Recognition:** Ultra-high-speed recognition in 0.3 seconds, adaptable to changes in appearance such as glasses or hairstyles. Helps prevent punching errors and unauthorized clock-ins.
- **2-in-1 Functionality:** Integrates attendance management with access control, allowing connection to electric locks for enhanced office or facility security. (Note: Wall-mounted models support dry contact unlock only).
- **Simplified Shift Management & Reporting:** Intuitive creation and modification of work shifts via PC or tablet. Features a calendar function for reviewing past work statuses and one-click Excel data export. Automated report delivery to email is also available.
- **Zero Running Costs:** An all-in-one solution designed to eliminate additional costs after initial setup, making it an economical choice for small to medium-sized businesses, retail stores, hospitals, clinics, and care facilities.
- **Automatic Time Synchronization:** Supports both automatic NTP synchronization and manual time correction to ensure accurate timekeeping.
- **Flexible Application:** Accommodates various work patterns including day/night shifts, early/late arrivals, and full-time/part-time schedules. Supports weekly or daily flexible attendance.
- **Device Group Function:** Enables distributed punching across multiple devices (up to 5 units) within the same LAN for larger environments.

- **Durable Construction:** Features an aluminum alloy casing with alumite treatment for enhanced durability.

Components and Dimensions

The FaceSec AI Face Recognition Time Recorder includes the main unit, mounting accessories, a paper instruction manual, and an electronic user manual (Japanese, English, Chinese). An AC adapter is provided as a complimentary service item.



Image: Diagram illustrating the three main setup steps (Initial Setup, User Registration, Shift Creation) and the physical dimensions of the FaceSec time recorder. The device measures 25.3cm in height and 15cm in width, featuring an auxiliary LED, recognition camera, and touch display.



Image: This image displays the back panel of the FaceSec time recorder, highlighting the mounting bracket, SD card slot, DC power input, wired LAN port, Wi-Fi antenna, electric lock control (Relay-NC, COM, NO), and power button. It also shows a comparison of the fixed break mode and variable break mode interfaces on the device screen.

SETUP

Installation Procedures

The FaceSec time recorder can be installed in two primary ways: on a switch box or directly on a wall.

Installation Method 1: Mounting to a Switch Box

1. Remove the bracket from the device by loosening the two screws (M4*40) on the left side.
2. Connect the power supply and necessary signal lines to the device.
3. Attach the bracket to the switch box using the provided mounting accessories.
4. Reattach the device to the bracket, securing it with the two screws (M3*10) on the left side using the provided driver.

Installation Method 2: Wall Mounting

1. Select an appropriate mounting location and attach the wall-mount sticker to the wall.

2. Confirm the position of the screw holes on the sticker and drill holes (recommended opening 6mm, depth 40mm).
3. Remove the wall-mount sticker.
4. Remove the bracket from the device and secure it to the wall using the four expansion screws (M4*25).
5. Connect the power supply and necessary signal lines to the device.
6. Reattach the device to the bracket, securing it with the two screws (M3*10) on the left side using the provided driver.

Important Notes for Installation:

- Always use the provided driver to loosen the two screws on the left side of the device to remove the bracket.
- When attaching the device to the bracket, use the dedicated screws provided with the product.
- When connecting lead wires, it is recommended to use terminal crimping tools.

取付概要 (工事)

インストール手順

インストール方法 1 : スイッチボックスに取り付け

1. ブラケットをデバイスから取り外し、ネジ(M4*40)でブラケットを取付金具に取り付けます。
2. 電源線と必要な信号線を接続した後、デバイスをブラケットの右から左に装着しま。
3. 付属のドライバーを使用して、2本の止めネジ(M3*10)をデバイスの左側からデバイスとブラケットを締め、取り付けを完了します。

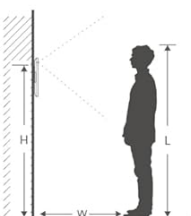
インストール方法 2 : 壁に取り付け

1. 適切な取付位置を選択し、位置決めステッカーを壁面に貼ります。
2. 位置決めステッカーの穴位置を確認して、壁に穴を開けます(推奨開口6mm、深さ40mm)。
3. 位置決めステッカーを取り外します。
4. ブラケットをデバイスから取り外し、4セットの拡張ネジ(M4*25)でブラケットを壁面に固定します。
5. 電源線と必要な信号線を接続した後、デバイスをブラケットの右から左に装着します。
6. 付属のドライバーを使用して、2本の止めネジ(M3*10)をデバイスの左側からデバイスとブラケットを締め、取り付けを完了します。

注意事項 :

1. ドライバーを使用して、デバイス右側の2本の止めネジを緩めてブラケットを取り外します。
2. ブラケットとデバイスが密着するため、製品に付属する専用のネジを使用してください。
3. リード線を加工する際、端子圧着工具の使用を推奨します。

認識距離



適応可能な高さ範囲		
カメラまでの距離 W(cm)	カメラからフロアまでの 高さH (cm)	識別可能な高さ範囲 L(cm)
60	130	80-200
	140	90-210
	150	100-220

注：識別可能な高さは、カメラから地面までの距離Hに正比例します。

※この内容は、同梱の「取扱説明書」からの抜粋です。

製品梱包リスト

製品と付属品の説明

1. 本体*1	7. 電源用電線*1
2. ネジ① (M4*40) *4	8. I/O配線端子*1
3. ネジ② (M4*12) *4	9. 位置決めステッカー*1
4. ネジ③ (M3*10) *2	10. クイックインストールガイド*1
5. 拡張ネジ (M4*25) *4	11. 製品保証ガイド*1
6. トルクスドライバー (T8) *1	12. リード線圧着端子*10

Image: This image provides an overview of the installation process for the FaceSec time recorder, detailing both switch box and wall mounting methods. It also lists the included accessories such as the main unit, various screws, a quick start guide, and a user manual.

OPERATING INSTRUCTIONS

Initial Setup and User Registration

After physical installation, perform initial setup including system language selection, LAN connection, device management, and administrator registration. Refer to the detailed electronic user manual for pages 17-22 for initial setup, and pages 30-33 or 68-69 for individual user registration, or pages 34-42 for batch user registration.

Punching In/Out

The device uses AI face recognition for quick and accurate clocking. Simply stand in front of the device for recognition. The system will automatically record your attendance.

Your browser does not support the video tag.

Video: This video demonstrates the quick and easy face recognition process for clocking in and out using the FaceSec time recorder. It shows a user approaching the device, selecting an action, and being recognized instantly, followed by a successful attendance record.

Web Interface for Management

Access the FaceOS web service using an administrator ID and password to manage attendance records, shifts, and generate reports. The dashboard provides an overview of current attendance status. You can view detailed time card information, edit records, and export data to Excel format.

※【】内の数字は、マニュアルのセクション番号を示しています。

任意の締め日での集計データをワンクリックでEXCEL出力

出席報告書				2025/01/06	2025/01/07	2025/01/08	2025/01/09	2025/01/10
登録番号	名前	所属	シフト名	日付	出勤(h)	残業(h)	合計(h)	
001	従業員A	DEFAULT	平日シフト	2025/01/01 - 2025/01/31	142.1	9.1	151.2	出勤 11:07 AM - 6:58 PM(6.8 h)
				2025/01/06	9:23 AM - 7:28 PM(8.0 h)	9:23 AM - 7:28 PM(8.0 h)	9:36 AM - 7:39 PM(8.0 h)	9:21 AM - 9:49 PM(8.0 h)
002	従業員B	DEFAULT	平日シフト	2025/01/01 - 2025/01/31	137.1	0	137.1	出勤 9:14 AM - 6:58 PM(8.0 h)
				2025/01/06	9:18 AM - 6:45 PM(8.0 h)	9:23 AM - 6:46 PM(8.0 h)	9:13 AM - 6:44 PM(8.0 h)	9:16 AM - 7:00 PM(8.0 h)



Image: A screenshot of the FaceSec web attendance management interface, showing the dashboard, employee time records, and options to view details, edit entries, and export data to Excel. This interface allows for comprehensive management of attendance data.

MAINTENANCE

Cleaning the Device

To ensure optimal performance of the face recognition camera and touch display, regularly clean the device with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the screen or casing.

Software Updates

Periodically check for software updates through the device's settings or the FaceOS web service. Keeping the software updated ensures access to the latest features, security enhancements, and performance improvements.

TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
Device not powering on.	Power cable disconnected or faulty.	Check power connections. Ensure the AC adapter is securely plugged in.
Face recognition failure.	Poor lighting, camera obstruction, or unregistered face data.	Ensure adequate lighting. Clean the camera lens. Re-register face data if necessary.
Incorrect time display.	Time synchronization issue.	Check network connection for NTP synchronization. Manually correct time in settings if needed.
Cannot access web interface.	Network issue or incorrect login credentials.	Verify network connectivity. Ensure correct administrator ID and password are used.

For issues not listed here, please refer to the comprehensive electronic user manual or contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	FaceSec
Model Number	FRD-W101TR
Color	Gold
Size	10.1 inch
Product Dimensions	15 cm (width) x 25.3 cm (height)
Package Dimensions	33.3 x 21.3 x 7.3 cm
Material	Aluminum
Product Weight	828 grams

Feature	Detail
Package Weight	1400 grams
Batteries Required	No
Number of Items	1
ASIN	B0DT3YGSNP
First Available Date	October 1, 2024

WARRANTY AND SUPPORT

Manufacturer's Warranty

The FaceSec AI Face Recognition Time Recorder comes with a **1-year manufacturer's warranty**. If a malfunction occurs under normal use within one year of purchase, the product will be repaired or exchanged free of charge.

- From the second year onwards, a paid warranty extension is available.
- Paid repair services are available even after the warranty period has expired, ensuring long-term peace of mind.



安心・信頼の
メーカー保証付き

✓ 万が一、通常使用による故障が発生した場合、1年以内は無償で修理・交換いたします。

✓ 2年目以降は有償で保証延長を承ります。

✓ 保証期間終了後も、有償で修理を承ります。

> 長期間、安心してご利用いただけます<

メーカーサポート



電話サポート
平日10時~17時



メールサポート
365日24時間受付

FaceSec®

Face the World

Image: This image highlights the 1-year manufacturer's warranty provided by FaceSec, detailing free repair/exchange within the first year and options for paid extensions and repairs thereafter. It also shows contact information for manufacturer support via phone (weekdays 10 AM - 5 PM) and email (24/7).

Customer Support

For any inquiries or support needs, please contact FaceSec customer service:

Phone Support: Available weekdays from 10:00 AM to 5:00 PM (JST).

Email Support: Available 24 hours a day, 365 days a year.