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FaceSec FAD-D55

FaceSec FAD-D55 AI Face Recognition Time Clock

USER MANUAL

1. PRODUCT OVERVIEW

The FaceSec FAD-D55 is a 5.5-inch desktop biometric time clock system designed for small businesses. It utilizes advanced AI facial recognition technology to provide fast and accurate employee clock-in/out within 0.3 seconds, minimizing errors and preventing fraud. This system supports a capacity of up to 20,000 users and offers comprehensive attendance management and shift scheduling capabilities without recurring monthly fees. The device features a large 5.5-inch touchscreen display (800*1280px) for comfortable operation and supports 18 different languages. It integrates seamlessly into existing networks via Wi-Fi and LAN connectivity, offering flexible deployment options.



Figure 1: Front view of the FaceSec FAD-D55 AI Face Recognition Time Clock.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Face Recognition Time Clock (FAD-D55) × 1
- Power Adapter × 1
- User Manual (Digital: Available in English, Japanese, and Chinese)

3. PRODUCT COMPONENTS

Familiarize yourself with the various components of the FAD-D55 device:

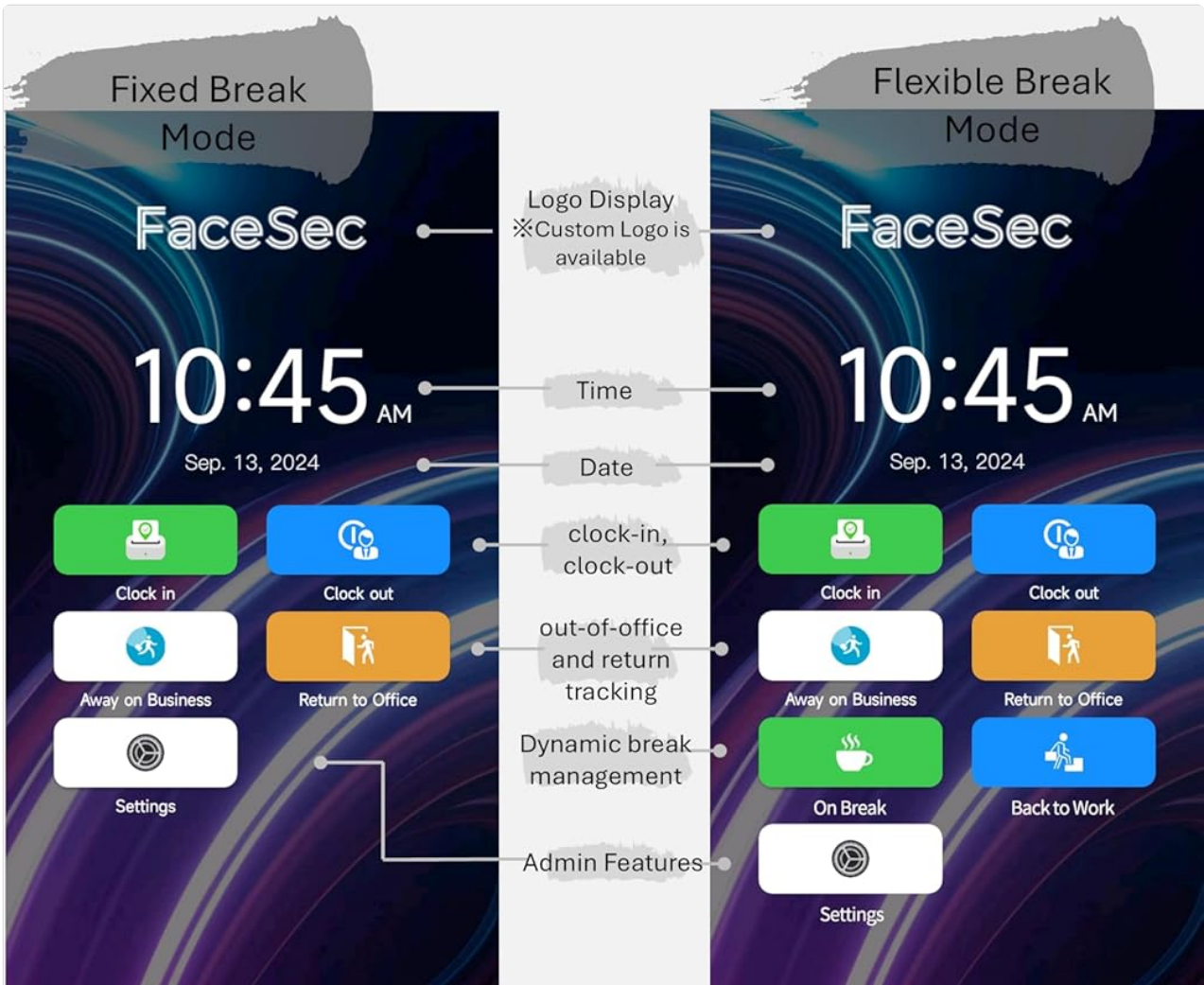


Figure 2: Front components of the FAD-D55, highlighting the Recognition Camera and Touch Display.

- **Recognition Camera:** Used for AI facial recognition during clock-in/out.
- **Touch Display:** The primary interface for user interaction, displaying time, date, and operational options.

Browser-Based Attendance Management System

Employee Enrollment

Real-Time Records & Reports

Shift Management

Quick Overview of Daily Attendance

Name	Shift	Clock in / out	On Break	Away on Business	Overtime Hours
Mike Staff No.001 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Present 9:19 AM Feb 10, 2025	--	--	--
Tom Staff No.002 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Present 9:13 AM Feb 10, 2025	--	--	--
Mike Staff No.001 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Late Total: 7.8 h 11:50 AM to 8:38 PM Feb 7, 2025	--	--	Overtime Hours Total: 1.6 h
Tom Staff No.002 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Present Total: 8.0 h 9:17 AM to 6:49 PM Feb 7, 2025	--	--	--
Mike Staff No.001 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Late Total: 8.0 h 9:36 AM to 7:18 PM Feb 6, 2025	--	--	Overtime Hours Total: 0.3 h
Tom Staff No.002 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Present Total: 8.0 h 9:23 AM to 7:00 PM Feb 6, 2025	--	--	Overtime Hours
Mike Staff No.001 Organization:DEFAULT	平日シフト Time: 9:30 AM - 6:30 PM Total: 8.0 h	Present Total: 8.0 h 9:17 AM to 8:14 PM Feb 5, 2025	--	--	Overtime Hours Total: 1.3 h

Attendance Report

No.	Name	Organization	Shift	Time	Attendance Time(h)	Overtime Duration(h)	Total(h)	3rd	4th	5th
001	Mike Staff	DEFAULT	Shift01	Feb 2025	39.8	5	44.8	Present 9:12 AM - 8:47 PM(8.0 h) Overtime Hours 6:59 PM - 8:47 PM(1.8 h)	Late 9:39 AM - 6:52 PM(8.0 h)	Present 9:17 AM - 8:14 PM(8.0 h) Overtime Hours 6:59 PM - 8:14 PM(1.3 h)
002	Tom Staff	DEFAULT	Shift01	Feb 2025	40	0	40.0	Present 9:12 AM - 6:43 PM(8.0 h)	Present 9:16 AM - 6:50 PM(8.0 h)	Present 9:15 AM - 6:39 PM(8.0 h)

With just one click, export attendance report data for any closing period.

Figure 3: Rear components of the FAD-D55, showing connectivity ports and buttons.

- **Power Button:** Used to turn the device on or off.
- **Speaker:** Provides audio feedback for operations.
- **Wi-Fi Antenna:** For wireless network connectivity.
- **Power Jack:** Connects the power adapter to supply electricity to the device.
- **LAN Port:** For wired network connection (Ethernet).

4. INITIAL SETUP

Follow these steps for the initial setup of your FaceSec FAD-D55 time clock:

Quick Start Guide



Initial Setup

Select system language, connect to LAN, and register the device administrator.



Employees Enrollment

Enroll employees into the system using either individual or bulk registration options.



Shift Creation

Create shifts and assign them to the corresponding staff members.



Get Started



Figure 4: Quick Start Guide for initial setup.

1. Step 1: Initial Setup

- Connect the device to power using the provided adapter.
- Upon first boot, select the system language from the available options.

- Connect the device to your network via Wi-Fi or LAN.
- Register the device administrator following the on-screen prompts. This user will have full control over system settings and employee management.

2. Step 2: Employee Enrollment

- Enroll employees into the system. This can be done individually by having each employee register their face, or through bulk registration if supported by the software.
- Ensure clear facial images are captured for accurate recognition.

3. Step 3: Shift Creation

- Access the attendance management system (via PC/tablet) to create and define work shifts.
- Assign the created shifts to the corresponding staff members.

5. OPERATION

The FAD-D55 offers intuitive operation for daily attendance tracking.

5.1 Clock-In/Out

Employees can clock in or out by simply presenting their face to the device's recognition camera. The system will automatically identify the user and record the time.

5.2 Break Management

The device supports both fixed and flexible break modes, allowing for dynamic management of employee breaks.

Desktop Models:

Next-Generation Facial Recognition Time Clocks



5.5-Inch Model



8-Inch Model

FaceSec®

Face the World



5.5-Inch Model

Wall-Mounted Models:

Next-Generation Facial Recognition Time Clocks

2-in-1 Model: Integrated Attendance and Access Management



8-Inch Model



4.3-Inch Model



10.1-Inch Model

Figure 5: Fixed vs. Flexible Break Mode interfaces.

- **Fixed Break Mode:** Pre-defined break times are set within the system.
- **Flexible Break Mode:** Employees can initiate and end breaks as needed, with the system tracking the duration.

5.3 Admin Features

Administrators can access additional settings and features directly from the device's interface, including user management, system configuration, and viewing basic attendance data.

6. ATTENDANCE MANAGEMENT SYSTEM

The FaceSec FAD-D55 integrates with a browser-based attendance management system, providing comprehensive tools for managing employee attendance, shifts, and reports.



Figure 6: Browser-based Attendance Management System interface.

- **Employee Enrollment:** Manage employee profiles, including facial data and personal information.
- **Real-Time Records & Reports:** View live attendance data and generate various reports.
- **Shift Management:** Create, modify, and assign shifts to employees with ease.
- **Data Export:** Export attendance data and reports to Excel format with a single click for payroll processing

or record-keeping.

7. MAINTENANCE

To ensure the longevity and optimal performance of your FaceSec FAD-D55 time clock, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the touchscreen and camera lens with a soft, dry, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.
- **Placement:** Place the device on a stable, flat surface away from direct sunlight, excessive heat, or moisture. Ensure adequate ventilation.
- **Software Updates:** Periodically check for and install any available software updates to ensure the system has the latest features and security enhancements.
- **Power Supply:** Use only the original power adapter provided with the device.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with the FAD-D55 time clock.

8.1 Device Not Powering On

- Ensure the power adapter is securely connected to both the device and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- Press and hold the power button for a few seconds.

8.2 Facial Recognition Issues

- Ensure the camera lens is clean and free of smudges or dust.
- Verify that the lighting conditions are adequate and there is no strong backlight or shadow on the user's face.
- Ensure the user is positioned correctly in front of the camera, within the recommended distance.
- If an employee's appearance has significantly changed (e.g., new glasses, beard), re-enroll their facial data.

8.3 Network Connectivity Problems

- For Wi-Fi, check if the Wi-Fi antenna is properly connected and the network password is correct.
- For LAN, ensure the Ethernet cable is securely plugged into both the device and the router/switch.
- Restart the device and your network router.
- Verify network settings (IP address, DNS) on the device.

9. SPECIFICATIONS

Feature	Detail
Model Number	FAD-D55
Display	5.5-inch Touchscreen (800*1280px)
User Capacity	Up to 20,000
Recognition Speed	0.3 seconds
Connectivity	Wi-Fi, LAN
Supported Languages	18 (including English, Japanese, Chinese)
Product Dimensions	5.51 x 3.06 x 5.61 inches
Item Weight	2.26 pounds
Manufacturer	FaceSec
Country of Origin	China

10. WARRANTY AND SUPPORT

The FaceSec FAD-D55 AI Face Recognition Time Clock comes with a 1-year warranty from the date of purchase, covering manufacturing defects and malfunctions under normal use. Optional extended maintenance plans may be available for long-term peace of mind.

For technical support, troubleshooting assistance, or warranty claims, please contact FaceSec customer service through the contact information provided on the official FaceSec website or your purchase platform. Please have your product model number (FAD-D55) and purchase details ready when contacting support.