

ESSL K90 Pro

eSSL K90 Pro Biometric Time Attendance and Access Control System User Manual

Model: K90 Pro

1. INTRODUCTION

The eSSL K90 Pro is a biometric time attendance and access control system designed for efficient management of employee attendance and secure access. This device utilizes fingerprint recognition technology, offering a reliable solution for various organizational needs. It features a robust capacity for fingerprints, user cards, and transaction records, along with push data functionality for seamless integration.

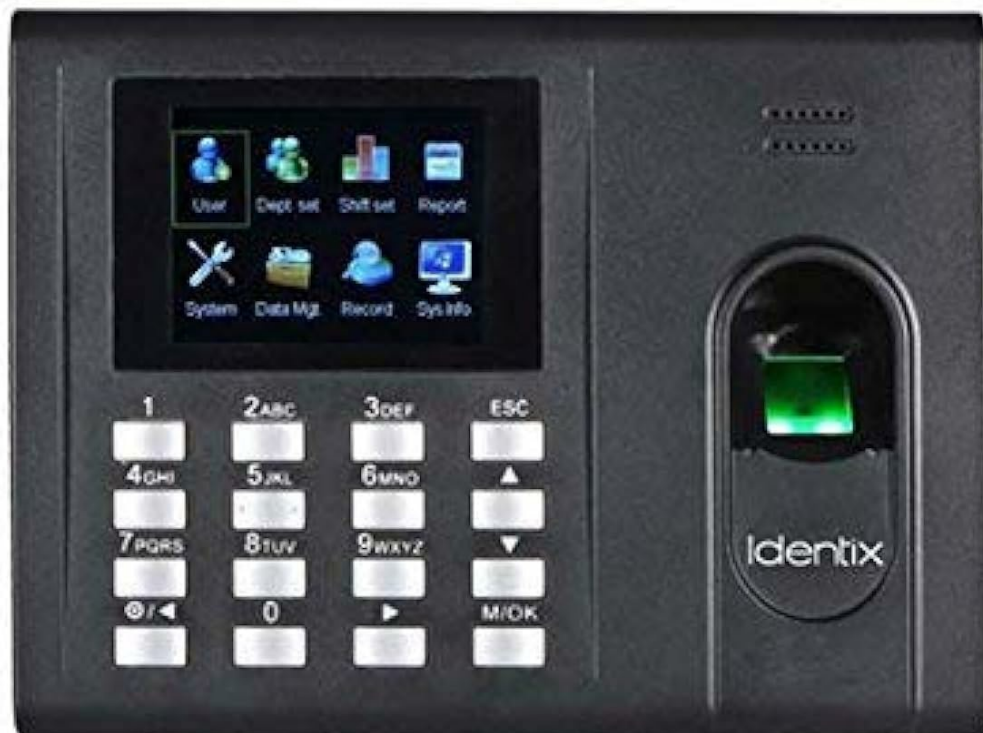


Figure 1: Front view of the eSSL K90 Pro Biometric Time Attendance Machine, showing the screen, keypad, and fingerprint scanner.

2. KEY FEATURES

- **Biometric Fingerprint Recognition:** High-accuracy fingerprint sensor for secure identification.
- **Large Capacity:** Supports up to 800 fingerprints and 800 user cards.
- **Extensive Transaction Storage:** Stores up to 80,000 transaction records.
- **Push Data Functionality:** Enables real-time data transfer to management software.
- **Integrated Access Control:** Functions as both a time attendance and access control system.
- **Compact Design:** Dimensions of 18.5 x 14 x 3 cm (L x W x H) for easy installation.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition.

- eSSL K90 Pro Biometric Time Attendance and Access Control System Unit
- Power Adapter
- Mounting Hardware (screws, wall plugs)
- Connection Cables (for power and access control integration)
- Quick Start Guide (if included)



Figure 2: Included power cable and various connection wires for the eSSL K90 Pro system.

4. SETUP

4.1 Mounting the Device

1. Choose a suitable location for installation, ensuring it is at an appropriate height for fingerprint scanning and protected from direct sunlight or moisture.
2. Use the provided mounting template (if available) to mark drilling points on the wall.
3. Drill holes and insert wall plugs.
4. Secure the device to the wall using the provided screws.

4.2 Power Connection

1. Connect the power adapter to the device's power input port.
2. Plug the power adapter into a standard electrical outlet.
3. The device will power on automatically.

4.3 Network Connection (Optional)

If your model supports network connectivity for data transfer, connect an Ethernet cable from the device's LAN port to your network router or switch. Refer to the software manual for network configuration.

5. OPERATING INSTRUCTIONS

5.1 Initial Configuration

Upon first power-on, the device may prompt you to set the date, time, and administrator password. Follow the on-screen instructions.

5.2 Enrolling Users (Fingerprint/Card)

1. Access the main menu by pressing the **M/OK** button and entering the administrator password.
2. Navigate to **User Management** or **Enroll User**.
3. Select **Enroll Fingerprint** or **Enroll Card**.
4. Follow the on-screen prompts to register the user's fingerprint (typically 3 times for accuracy) or swipe the card.
5. Assign a User ID and other relevant information.
6. Save the user data.

5.3 Time Attendance (Clock In/Out)

To record attendance, users simply place their registered finger on the scanner or swipe their registered card. The device will confirm the successful clock-in or clock-out.



Figure 3: The device screen displaying a "Check-Out" confirmation, indicating a successful attendance record.

5.4 Data Download

Attendance data can be downloaded via USB or network connection to the designated management software. Refer to the software manual for detailed instructions on data retrieval and report generation.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the fingerprint sensor and screen with a soft, dry, lint-free cloth. Avoid using abrasive cleaners or solvents.
- **Environment:** Ensure the device is kept in a clean, dry environment, away from extreme temperatures, humidity, and direct sunlight.
- **Software Updates:** Periodically check for firmware or software updates from the manufacturer to ensure optimal performance and security.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Power adapter not connected or faulty; power outlet issue.	Check power connections. Try a different power outlet. Ensure the power adapter is functioning correctly.
Fingerprint not recognized.	Finger is dirty, wet, or injured; fingerprint not properly enrolled; sensor is dirty.	Ensure finger is clean and dry. Try a different finger if multiple are enrolled. Clean the fingerprint sensor. Re-enroll the fingerprint if necessary.
Data cannot be downloaded.	Incorrect network settings; USB connection issue; software not configured correctly.	Verify network cable connection and IP settings. Ensure USB cable is properly connected. Consult the software manual for data download procedures.
Screen is blank or frozen.	Temporary software glitch.	Restart the device by disconnecting and reconnecting the power. If the issue persists, contact support.

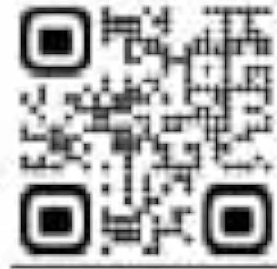
8. SPECIFICATIONS

Feature	Detail
Brand	ESSL
Model Number	Identix K90 Pro
Fingerprint Capacity	800
Card Capacity	800
Transaction Storage	80,000
Push Data	Yes
Color	Black
Item Weight	790 g
Item Dimensions (LxWxH)	18.5 x 3 x 14 Centimeters
Manufacturer	essl

9. SUPPORT

For technical assistance, software installation support, or any queries regarding your eSSL K90 Pro device, please contact the manufacturer's customer support.

Free software installation support may be available. For more information, scan the QR code shown in Figure 4.



**Free software
installation
support available
with this product
for more info
scan this QR
code.**

Figure 4: The eSSL K90 Pro device displayed alongside a QR code, which can be scanned for free software installation support.
Note: Warranty information is typically provided with the product packaging or can be obtained from your point of purchase.

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