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> eSSL IDENTIX K30 PRO Biometric Machine User Manual

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Model: K30 PRO

1. INTRODUCTION

The eSSL IDENTIX K30 PRO is an advanced biometric machine designed for attendance management and access control. It features a 2.8-inch color TFT display, a 4x4 keypad, and supports up to 2,000 fingerprint users and 2,000 RFID cards. With a transaction capacity of 100,000 logs and an inbuilt battery backup, it ensures reliable operation. The device supports push data technology and integrates with software like Etimetracklite and Epaytrack for comprehensive management.

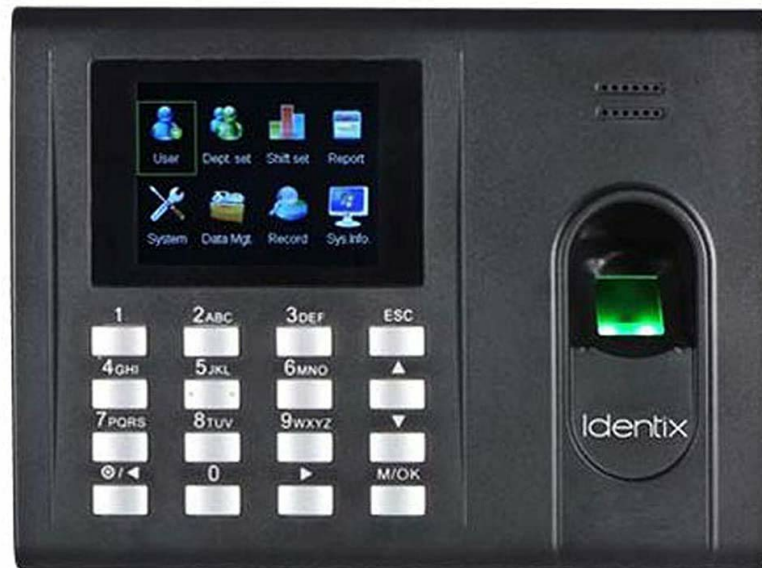


Image: Front view of the eSSL IDENTIX K30 PRO Biometric Machine, showing the display, keypad, and fingerprint sensor.

2. SETUP

Follow these steps for initial setup of your K30 PRO biometric machine:

1. **Unpacking:** Carefully remove the device and all accessories from the packaging. Verify that all components are present.
2. **Mounting:** Choose a suitable location for installation, ensuring it is secure and accessible. Mount the device firmly to a wall using the provided mounting template and screws.
3. **Power Connection:** Connect the power adapter to the device's power input port and then plug it into a standard electrical outlet. The device will power on automatically.
4. **Network Connection (Optional):** For push data technology and software integration, connect an Ethernet cable from the device's LAN port to your network router or switch.
5. **Initial Configuration:** Upon first power-up, the device may prompt for initial settings such as date, time, and administrator registration. Follow the on-screen instructions to complete this process.

3. OPERATING INSTRUCTIONS

3.1. User Enrollment

To register new users for fingerprint or card access:

1. Access the main menu by pressing the 'Menu' button on the keypad.
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 to scan their RFID card.
5. Assign a user ID and other relevant information as required.

3.2. Attendance Recording

Users can record their attendance using registered fingerprints or cards:

- **Fingerprint:** Place a registered finger firmly on the fingerprint sensor. The device will confirm successful recognition with an audible prompt and display.
- **Card:** Present a registered RFID card to the card reader area. The device will confirm successful recognition.

3.3. Access Control

For access control functionality, ensure the device is properly wired to a compatible door lock system. Upon successful authentication (fingerprint or card), the device will send a signal to unlock the door.

3.4. Data Management

The K30 PRO supports push data technology, allowing attendance logs to be automatically sent to a central server or integrated software like EtimeTrackLite or EpayTrack. Refer to the software manual for detailed configuration and data retrieval instructions.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your device:

- **Cleaning:** Use a soft, dry cloth to clean the device's exterior, display, and fingerprint sensor. Avoid using abrasive cleaners or solvents.
- **Battery Care:** The inbuilt battery provides backup during power outages. To prolong battery life, ensure the device is regularly connected to power. Avoid prolonged storage in a fully discharged state.
- **Data Backup:** Periodically back up attendance logs and user data to prevent loss. Consult your software documentation for backup procedures.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to ensure your device has the latest features and security enhancements.

5. TROUBLESHOOTING

If you encounter issues with your K30 PRO, refer to the following common problems and solutions:

- **Device Not Powering On:**
 - Check if the power adapter is securely connected to both the device and the power outlet.
 - Verify that the power outlet is functional.
 - If using battery backup, ensure the battery is charged.

- **Fingerprint Recognition Failure:**

- Ensure the finger is clean and dry.
- Place the entire pad of the finger firmly on the sensor.
- If issues persist, re-enroll the fingerprint.

- **Card Not Recognized:**

- Ensure the card is registered to the device.
- Present the card correctly to the reader.
- Check if the card type is compatible with the device.

- **Data Not Pushing to Software:**

- Verify network connectivity (Ethernet cable, IP settings).
- Check software configuration for correct device IP address and port settings.
- Ensure the software is running and accessible.

For further assistance, contact eSSL customer support.

6. SPECIFICATIONS

Feature	Specification	
Model Number	K30 PRO	
Fingerprint Capacity	2,000	
Card Capacity	2,000	
Transaction Capacity	Display	2.8" Color TFT
Keypad	4 x 4 Keypad	
LED Indicator	Green/Red	
Inbuilt Battery	Yes	
Access Control	Yes	
Card Reader	Yes	
Fingerprint Sensor	500 DPI	
Algorithm Version	10	
Supported Software	Etimetracklite, Epaytrack	
Product Dimensions (LxWxH)	45.72 x 39.12 x 8.69 cm	
Item Weight	500 g	
Manufacturer	ESSL PVT. LTD.	

7. WARRANTY AND SUPPORT

Warranty Information: For details regarding the warranty period and terms for your eSSL IDENTIX K30 PRO Biometric Machine, please refer to the warranty card included with your product or contact your point of purchase. Warranty coverage typically addresses manufacturing defects under normal use conditions.

Customer Support: If you require technical assistance, have questions about operation, or need to report a fault, please contact eSSL customer support. You can usually find contact information on the manufacturer's official website or through your authorized reseller.

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