# MEENAKSHI TECHNOLOGIES

Biometric Attendance & Access Control Solutions | Hyderabad, Telangana

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**ESSL • OFFICIAL TECHNICAL DATASHEET**

# eSSL FBL4000 High-Speed Flap Barrier Turnstile

Ultra-fast pedestrian throughput (40 persons/min) with infrared safety anti-pinch sensors.

| User Capacity: | Transaction Memory: | Communication: |
|---|---|---|
| **Commercial Grade** | **100,000 Logs** | **TCP/IP, USB** |

## Verified Technical Specifications

| Parameter | Specification Detail |
|---|---|
| **Manufacturer / Brand** | eSSL |
| **Model Number** | FBL4000 |
| **Category** | Turnstile and Entrance Management |
| **Primary Technology** | Optical Biometrics |
| **Verification Speed** | < 0.8 Seconds |
| **Operating Voltage** | 12V DC 2A |
| **Display Screen** | 2.8" Color Screen |
| **Battery Backup** | Optional External UPS / Built-in |
| **Access Control Relay** | Built-in NO/NC Contacts |
| **Warranty** | 1 Year Comprehensive Manufacturer Warranty |

## Key Features & Commercial Applications

- Whisper-quiet brushless DC motor provides ultra-fast 0.2s flap retraction
- Multiple infrared safety beams prevent flaps from closing on passing pedestrians
- Flaps retract into cabinet automatically in emergency fire situations
- Premium corporate aesthetic complements modern architectural marble lobbies