MEENAKSHI TECHNOLOGIES

Biometric Attendance & Access Control Solutions | Hyderabad, Telangana

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ESSL • OFFICIAL TECHNICAL DATASHEET

eSSL FR1200 Waterproof Fingerprint Slave Reader

Connects directly to InBio controllers or standalone master devices via RS485 for secure exit authentication.

User Capacity:
Slave Reader (Transfers to Master / Controller)

Transaction Memory:
100,000 Logs

Communication:
RS485 to Master Device / InBio Controller

Verified Technical Specifications

Parameter	Specification Detail
Manufacturer / Brand	eSSL
Model Number	FR1200
Category	Biometric Access Control Readers
Primary Technology	Optical Biometrics
Verification Speed	< 0.8 Seconds
Operating Voltage	12V DC
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

- IP65 rated waterproof and dustproof construction for outdoor gate deployment
- Compact narrow design fits on aluminum profile frames and metal fence posts
- Buzzer and dual-color LED indication for access granted / access denied
- Direct RS485 connection transmits templates securely up to 1,000 meters