MEENAKSHI TECHNOLOGIES

Biometric Attendance & Access Control Solutions | Hyderabad, Telangana

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ESSL • OFFICIAL TECHNICAL DATASHEET

eSSL K90 Pro Biometric Attendance Machine

Standalone fingerprint attendance terminal with 2,000 templates, 100,000 logs, and integrated battery backup.

User Capacity:	Transaction Memory:	Communication:
2,000 Fingerprint Templates	**100,000 Audit Logs**	**TCP/IP Ethernet, USB Host**

Verified Technical Specifications

Parameter	Specification Detail
Manufacturer / Brand	eSSL
Model Number	K90 Pro
Category	Biometric Fingerprint Attendance Machines
Primary Technology	500 DPI Optical Fingerprint Sensor
Verification Speed	<= 0.8 Seconds
Operating Voltage	12V DC, 1.5A
Display Screen	2.8-inch Color TFT Screen
Battery Backup	Built-in Lithium-ion Battery (2 to 4 Hours Backup)
Access Control Relay	Built-in 3rd Party Electric Lock, Door Sensor, Exit Button
Warranty	1 Year Comprehensive Manufacturer Warranty

Key Features & Commercial Applications

- Built-in battery backup ensures zero downtime during electrical outages
- High-resolution 500 DPI optical sensor with scratch-resistant glass surface
- Supports TCP/IP network communication for automated multi-branch sync
- Integrated relay terminals for direct connection to 600lbs EM door locks