

# BIOLite AC SRD

Biometric Access Control for SRD (Strong Room Door)



**smart-i BIOLite AC SRD** has been specifically designed to meet the requirements of Strong Room Door.

## KEY BENEFITS

- Helps in complying with the RBI Guidelines for Currency Chests.
- **Double-Door Control** as per RBI Guidelines: Designed to control both the doors of a Strong Room as per RBI Guidelines, the main door as well as the grill door.
- **Dual Authentication:-** BIOLite AC SRD works in the Dual Authentication Mode. It opens the doors only when two authorized officials place their fingers one after the other, thus increasing the level of authentication.
- **Duress Alerts:-** If an unauthorized person forces an authorized person to open the SRD (Strong Room Door) at gun point, the latter can place one of his other fingers, designated as a duress finger, which will open the door but at the same time send a silent alarm through the GSM Dialer to Admin/Security personal for emergency response.
- **Power fail and Battery Low Alerts:-** An Alert is sent by SMS through the GSM Dialer to admin for power management/arrangement in the Battery Low situations to ensure continuity.
- **CCTV Integration with Access Events:-** Add on Alarm management Software module for security audit or to verify/identify tailgating, made effective by Alert based network protocol implemented in BIOLite AC SRD.
- **Stores Logs For Security Audits:-** Stores all the transaction logs for any future Security Audits.

Many highly prestigious organizations from many sectors such as Banking, Pharma, IT, Mega Retail, Government etc. have been using various Access Control, Time and Attendance and Security related systems of smart-i in many of their establishments all over India, for many years.

## Other Benefits

### Suprema Sensor - Accuracy in Fingerprint Verification:-

The Suprema Sensor ranks among the best in the world for its accuracy in verification, validated by FVC award-winning algorithm.

### Live Finger Detection Technology:-

**smart-i** devices equipped with Hybrid Live Finger Detection technology which clearly identify Live fingerprint & Fake fingerprint and restrict all fake fingerprint users

### Suprema Sensor for Auto Fingerprint Update:-

**smart-i** device automatically recognizes the minor natural changes in the fingerprint over a period of time and automatically updates them for future reference.

### Onboard TCP/IP with Online Firmware up gradation facility:-

The versatile Interface makes the device technically very strong & user friendly. It gives tremendous freedom to use the infrastructure, either existing or planned. The Device has an inbuilt capability for an online up gradation of the firmware.

### Cost Effective Multi-Location Application - Through Dynamic IP:-

Ideal for multi-location application. The only requirement at each location is an internet connection. Static IP is required only at the central control location. It saves the need to make multiple investments in Static IP at multiple locations such as the innumerable branch locations.

### Added Security for access to the Devices:-

Configurable card/finger verification has been provided for extra security, in addition to the usual login id and password, to access the Controller device.

### Enhanced Security Features:-

Establishment code, Time zone, Duress Card/finger, Dual card/Finger implementation for enhanced security. For Data downloading Security the IP address of the authorized computer/s is mapped with that of the Controller, making the downloading of the data even more secure.

\*\*Optional

## Technical Specifications

Particulars	Specifications
<b>Model No</b>	<b>SBL30 - AC- SRD</b>
<b>Applications</b>	Access Control for Strong Room Door
<b>Technical Specification</b>	
<b>CPU</b>	32 Bit RISC ARM Processor
<b>Memory</b>	Upto 8 MB Flash
<b>No. Template</b>	Upto 1900 (1:N)
<b>Sensor</b>	High Quality Scratch Resistance Optical Sensor
<b>Finger Score</b>	Display finger quality score at the time of registration
<b>Communications Port</b>	TCP/IP
<b>LCD</b>	16 * 2 Alphanumeric
<b>Keypad</b>	4 x 3 Numeric Keypad
<b>LED</b>	Bi-Color LED Bar
<b>Sound</b>	Various sound indication
<b>Power Supply</b>	12 V DC/ 2A with Battery Charging Facility
<b>Sensor Specification</b>	
<b>Type</b>	Optical
<b>Image Resolution</b>	500 dpi
<b>Enrollment Time</b>	<1 sec
<b>Verification Time</b>	<1 sec
<b>Authentication/Identification</b>	1:1 & 1:N (User Groups facility for faster verification)
<b>Identification Time (1:1000)</b>	1 sec
<b>Template Size</b>	384 bytes
<b>EER / FAR / FRR</b>	<0.1% / 0.001% / 0.1%
<b>Image Size (pixels)</b>	272 x 320
<b>Sensing Area (mm)</b>	16 x 19
<b>Ordering Information</b>	
<b>Model No</b>	SBL30 - AC-SRD
<b>Software</b>	smartENGINE

## Software



**Alarm Management Software**

\*Specifications are subject to change without any prior notice