



BIOLite™ is an elegant and compact Access and Time Attendance system from the stable of Smart-I Systems. Supports latest smart card technology like iClass and Mifare. It can run on standalone as well as network mode. **High Quality Optical Sensor (Award winning Fingerprint algorithm).**



SPECIAL FEATURES OF THE PRODUCT

- Comprehensive operating modes.
- **Award winning Fingerprint algorithm (Year 2004, 2006)**
- Fingerprint / RF Cards (option: Mifare, HID)
- Stores 6000 transactions & 250 users
- **Configurable Security Level**
- Industry leading fingerprint identification speed
- Easy template distribution for network applications
- **Support latest and upcoming technology of Smart Cards**
- **Auto Finger Sense Mode.**
- **External USB Converter for external connectivity.**
- **Separate Menu for Lunch In/Out, OD In/Out and In/Out**

SPECIFICATIONS FOR SBL12

■ SENSOR SPECS:

- **Type:** Optical
- **CPU:** 400 MHZ DSP
- **Resolution (dpi):** 500+
- **Enrollment Time:** 2 sec
- **1 :1 Verification:** 1sec
- **Identification Time:** 1:1000: 1 sec
- **Template Size:** 384 bytes
- **Equal Error Rate:** < 0.1%
- **FAR:** 0.001%
- **FRR:** 0.1%
- **Image Size (pixels):** 280 X 320
- **Sensing Area (mm):** 16.0 X 19.0

■ SYSTEM FEATURES:

- **Memory:** 64KB
- **Event Buffers:** 6,000
- **Card Buffer (Users):** 250
- **Max Fingers per user:** 5
- **Cards/Readers Compatible:** Mifare® & HID iClass (13.56 MHz)
- **Card Read Range:** Upto 5 cms
- **User Configuration/ Operation Modes:** Card Only; UID + Finger; Card + Finger; Finger Only; UID only
- **Sensor Mode:** 1:1 / 1:N (configurable)
- **Baud Rate:** 9600bps (Default)
- **Admin Users:** Max 3

■ ACCESS CONTROL FEATURES:

- **Exit:** Egress Switch
- **Time Zones:** 3 (including 1 Free Time Zone)
- **Access Levels:** Available
- **Inputs:** 2 i/p (Door Status, Egress)
- **Outputs:** 2 o/p (DOTL, Lock)

■ HARDWARE FEATURES:

- **LED Indicator:** Bi-colored LED
- **Buzzer:** Multi tone Buzzer o/p
- **LCD Display:** 16*2 alphanumeric
- **Keypad:** 12 key numeric keypad; 2 Function Keys & 1 Bell Push button
- **Inbuilt Reader Supported:** 26 bits Wiegand (Mifare® / IClass Reader)
- **Output:** RS485 / RS232
- **Color:** Dark Grey
- **Weight:** 500 gms.

■ SOFTWARE:

→ Download Engine S/w Features (Model: SRMS series):

- Data Downloading
- Template Mgmt.
- Employee mgmt
- Access Control Configuration (Doors, Time Zones, Door Open Time, DOTL etc.)
- User Rights
- Hardware Mgmt like Door Info, Share Lock, Date/Time Settings etc.
- Access Reports.

→ Time Attendance Software (Optional):

- Multi Location Attendance Management Software **smartSOFT™** Classic / Professional.
(Visit www.smartisystems.com for more details)
- Payroll Management Software (Optional)
- Third Party Software Or Integration possible.
- Supports Tally Integration.

■ DIMENSIONS:

202 mm (L) X 90 mm (H) X 53 mm (D)

■ COMMUNICATIONS:

RS485 / RS232

■ POWER SPECS:

Current & Voltage Req;

For Unit : 10V DC – 850mA

For Lock : 12V – 1.2 Amp Isolated.

■ MATERIAL:

ABS Plastic

■ MOUNTING:

Wall Mounting

■ WARRANTY:

Product: 1 yr for any manufacturing defects / workmanship.

Sensor: 1 Year for any Manufacturing defects

(Failure of sensor due to ESD / physical damage will not be covered under warranty)

■ ACCESSORIES (OPTIONAL):

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Wiegand Reader (External): Mifare®; HID IClass
- Card: Mifare® (1K,4K); HID
- Strike Lock / Electromagnetic Lock
- Egress Switch

■ APPLICATIONS:

- Time Attendance System
- Physical Access Control

■ BENEFITS:

- Industry leading fingerprint identification speed
- User-friendly operating modes
- Supports smart card reader only
- Highest Security Level

■ AREAS:

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|-------------------------------|------------------------------------|
| - Call Centers / BPO | - Clubs & Gymnasium |
| - Banking & Finance | - Schools & Colleges |
| - Hotels and Residential | - Transport & Logistics |
| - Corporate & IT/ITES | - Telecommunications |
| - Retail, Malls & Multiplexes | - R&D Centres and Labs |
| - Hospitals & Clinics | - Manufacturing Units & Factories, |
| - Retail | - Government; PSU & Defense |
| - Hospitals & Clinics | - Oil & Gas |