BIOlite

BIOlite fingerprint device, provides speedy and efficient fingerprint authentication by incorporating the latest finger recognition, algorithms and smart card technology. It provides customers with the opportunity to improve and upgrade existing systems at reduced installation and support costs.

Key Features

- IP based controller used for Single Location
- Stores up 500 Users & 9999 Event buffers
- Auto Finger Sense Mode
- Compatible with HID, Mifare Smart Cards (13.56 MHz) and HID Prox and EM cards(125KHz)
- **High Protection optical Sensor with protection from Scratch and ESD (Electro Static Discharge)**
- **Award winning Fingerprint algorithm, 2004 & 2006**
- Easy template distribution across multiple devices.
- Configurable Operating Modes – Card only; Finger only; UID + Finger; Card + Finger; UID only etc.
- Separate Menu for IN/OUT, Lunch IN/LUNCH OUT and OD IN/OD OUT.

Sensor Module

Specifications	OPTICAL
CPU	400 MHZ DSP
Resolution (dpi)	500+
Image Size (pixels)	280 X 320
Sensing Area (mm)	16.0 X 19.0
Authentication / Identification	1:1& 1:N (User Groups facility for faster verification)
Template Size	384 bytes (reducible to 256 bytes)
Template Upload/Download from PC	YES
Enrollment Time	2 sec
Verification Time	1 sec
Identification Time	< 1 sec
FAR	0.001%
FRR	0.1%

application areas

- Time Attendance System
- Physical Access Control

Benefits:

- Scratch resistant optical sensor.
- Industry leading fingerprint identification speed.
- Available with latest smart Card technology.
- User wise Access Modes.
- Suitable for Time Attendance as well as Access Control applications.
- Adjustable FFR/FAR as per Customer Needs.
- Ideal for SOHO/SME environment.

Software Features:

- User-friendly software GUI.
- Advanced Shift Management and Attendance Features.
- Access Control Configuration (Doors, Time Zones, Door Open Time, DOTL etc.)
- Payroll Interface for any payroll package.
- Various versions: **smartSOFT™** Classic/Professional Plus/Advance (visit www.smartisystems.com for more details)
- Features like setting Access Levels; Fingerprint Template Management etc. available.

Specifications	SBL30 SERIES
System Features	
Memory	Controller: 1 MB
Event Buffers	9999
Number of Users/templates	500/500
Max Fingers per user	3
Operation Modes	Card Only; UID + Finger; Card + Finger; Finger Only; UID only
Scanner (Sensor)	High Quality Optical Sensor
Card Reader (Optional IN or OUT)	Mifare®; HID (I Class), HID Prox, EM cards
Exit Port	Egress switch or Reader for exit
Communications Port	TCP/IP
Baud Rate	9600bps (Default)
Input/Output	2 i/p (Door Status, Egress), 2 o/p (DOTL, Lock Open)
Controller ID	16
LCD	16*2 alphanumeric
Keypad	12 key numeric keypad; 2 Function Keys & 1 Bell Push button
LED / Buzzer	Bicolor LED Bar / Multi Tone buzzer o/p
Power Supply	12 V DC/ 2A (Min)
Color / Weight	Grey / 500 gms
Dimension (L X H X D) in mm	202 X 90 X 53
Access Control Features	
Time Zone	15 + 1 (Free Time Zone)
APB	Local
Holiday Setting	42
Compatible Software	
Access/Remote Mgmt System	SSE Lite Series
Reporting/Attendance Software	Classic (Free); Professional Plus (Optional); Advance (Optional)

*Specifications and features are subject to change without prior notice.

Under HID Connect Partner Program

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