



BIOlite

Embedded Fingerprint Time Attendance



smart-I BIOlite fingerprint device, provides speedy and efficient fingerprint authentication by incorporating the latest fingerprint 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

- Stores up 150 & 6,000 event buffers
- Real time auto update of Finger Templates to monitor changes in the fingerprint
- Compatible with HID & Mifare Smart Cards (13.56 MHZ)
- 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
- LCD for Time & Attendance Display along with multi- tone buzzer
- Configurable Operating Modes – Card only; Only Finger; UID + Finger; Card + Finger; UID only etc.
- Configurable modes of sensor: 1:1; 1:N & auto-identification

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 payroll package is possible
- Various versions: **smartSOFT™**, Classic / Professional
(visit www.smartisystems.com for more details)
- Features like setting Access Levels; Fingerprint Template Management etc. available

Benefits:

- Scratch resistant optical sensor
- Highest Security Level
- Industry leading fingerprint identification speed
- Available with Latest Smart cards 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

PARTICULARS	SPECIFICATIONS
	SBL12 Series
Memory	Controller: 64 KB
Event Buffers	6,000
Number of Users	150
Max Fingers per user	5
Operation Modes	Card Only; UID + Finger; Card + Finger; Finger Only; UID only
Scanner (Sensor)	High Quality Optical Sensor
In-Built Card Reader	Mifare®; HID (I Class)
Exit Port	Reader or Egress switch for exit
Communications Port	RS485 / RS232
Baud Rate	9600bps (Default)
Inputs/Output	2 i/p (Door Status, Egress), 2 o/p (DOTL, Lock Open)
Time Zone / Access Levels	2 + 1 (Free Time Zone) / Unlimited
Controller ID	4
LCD	16*2 alphanumeric
Keypad	14 key numeric
Access / Remote Mgmt System	SRMS10-LT
Reporting / Attendance Software	Classic; Professional (Optional)
LED / Buzzer	Bicolor LED Bar / Multi Tone buzzer o/p
Power Supply	For Unit : 10VDC 500 mA Max For Lock: 10VDC – 12 VDC 600 mA Max (Isolated)
Color / Weight	Grey / 500 gms
Dimension (L X H X D) in mm	202 X 90 X 53

PARTICULARS	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: 1000	< 1 sec
FAR	0.001%
FRR	0.1%

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

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