

BIOlite NG

Finger Print + Card + PIN based Attendance Terminal - For Multilocation Attendance Management



KEY BENEFITS

- **Multilocation Centralised Attendance Management:-** Accurate monitoring of attendance, simultaneously at hundreds of outlets in the Retail Chain, or multiple branches such as those of banks, with relevant checks and analysis, is possible with the Smart i Multilocation Attendance Management Software.
- **Push Data Mechanism:-** To download data from multiple locations to the central server.
- **Useful MIS:-** Wealth of MIS reports for Audit and Analysis, Periodical as well as Real Time, are available on Private and Public Cloud to the management.
- **Complete online Attendance Management:-** Online Attendance/Leave/Shift management and checks from anywhere/anytime.
- ****Inbuilt battery backup in attendance device.** If the battery is full charged then 2 - 3 hrs battery backup facility incase of power failure.

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.

Key Highlights

#OTP (One Time Password) to Access the Device:- To better manage fingerprint enrollment and date & time of device at remote locations of Retail Chains, or bank branches, from a central location. The incidence of proxy attendance, if any, can be avoided with it.

#Random Attendance Paging:- To ensure continuous attendance during the day. It thus helps Retail Chains ensure better and prompt service to customers.

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

Suprema Sensor for Auto Fingerprint Update:- smart-i BIOlite NG automatically recognizes the minor natural changes in the fingerprint over a period of time and automatically updates them for future reference.

Versatile Interfaces (TCP/IP, POE, RS485):-** The versatile Interface makes the devices technically very strong & user friendly. It gives the freedom to the end-user to use their existing infrastructure and go for expansion in the future.

One of the Fastest Network Protocol :- Event Alert based network protocol implemented for value added features ie; CCTV Integration to verify/identify Proxy Attendance/Buddy Punching & Audit purpose.

Remote and easy Online Up-gradation of the Firmware:- The Device has an inbuilt capability for an online up gradation of the firmware.

LED Indication :- Device has inbuilt tri-color LED which indicate various kinds of device transaction processes ie; Access Granted, Unauthorized Access, Command Activated, etc.

Compact and Elegant Look:- An aesthetic and elegant design with Bicolor LCD and keypad is a value addition to the interior of the premises.

Technical Specification

Particulars	Specifications			
Model No	SBLNG130 - AC Series	SBLNG1930 - AC Series		
	SBLNG130 - TA Series	SBLNG1930 - TA Series		
Applications	Access Control & Time Attendance			
Hardware Specifications				
CPU	32 Bit RISC ARM Processor			
Memory	Up to 8 MB (Flash)			
Events/Transactions	Up to 1,00,000			
No. Template	Upto 1900 (1:N)/(1:1)	Up to 19,000 (1:N)/(1:1)		
Operation Modes	Card Only; UID + Finger; Card + Finger; Finger Only; UID only (On Wiegand Card Only, Finger only & Card+ Finger)			
Sensor	High Quality Scratch Resistance Optical Sensor			
Finger Score	Display finger quality score at the time of finger registration			
Communications Port	TCP/IP & Wiegand			
Baud Rate	9600bps (Default)			
Display	128 X 64 Bicolor COG LCD			
Keypad	Capacitive Touch Sense Keypad			
LED	Tri-color LED Bar			
Sound	Various Beep Indication Messages			
Power Supply	12 V DC/ 2A (Min), POE (Optional)			
Battery Backup	2 Hrs Battery backup (**only for TA Device)			
Enclosure	ABS Plastic			
Color	Silver & Black			
Dimension(H x W x D) in mm	167x 105 x 45			
Mounting	Wall Mounting			
Temperature / Humidity	0°C to 50°C / 20% to 90%			
Sensor Specifications				
Type	Optical			
Image Resolution	500 dpi			
Enrollment Time	<1 sec			
Verification Time	<1 sec			
Authentication/Identification	1:1 & 1:N (User Groups facility for faster verification)			
Identification Time (1:1000)	1 sec			
Template Size	384 bytes			
EER / FAR / FRR	<0.1% / 0.001% / 0.1%			
Image Size (pixels)	272 x 320			
Sensing Area (mm)	16 x 19			
Access Control Feature				
Applicable in Model Nos	SBLNG130 - AC Series	SBLNG1930 - AC Series		
Facility Code	Available			
Time Zone / Access Levels	63 + 1 (Free Time Zone) / Unlimited			
Time Zone Slots	4 slots per Day			
Anti-Passback	Hard, Soft, Escort (Reader Wise)			
Holiday Settings	42			
Exit switch Supported	Yes			
Exit Reader Supported	Yes			
Input/Output	3 (Door Status, Egress, Fire) / 3 (DOTL, Lock, Alarm)			
Ordering Information				
Model No	Application	No of Template	Type	Inbuilt Reader
SBLNG130-TA	Attendance	1900	Only Finger	P - EM Proximity S - MiFARE HI - HID iCLASS HP - HID Proximity
SBLNG130-TA-P/S/HP	Attendance	1900	Finger + Card	
SBLNG130-TA-P/S/HP-POE	Attendance	1900	With POE	
SBLNG1930-TA	Attendance	19000	Only Finger	
SBLNG1930-TA-P/S/HP	Attendance	19000	Finger + Card	
SBLNG1930-TA-P/S/HP-POE	Attendance	19000	With POE	
SBLNG130-AC	Access	1900	Only Finger	
SBLNG130-AC-P/S/HP	Access	1900	Finger + Card	
SBLNG1930-AC	Access	19000	Only Finger	
SBLNG1930-AC-P/S/HP	Access	19000	Finger + Card	
Software	Application	Architecture		
SSA30- AS Series	Access (Only)	Desktop based Software		
SSTA30- AS Series	Attendance (Only)	Desktop based Software		
SCMD Pack Series	Access + Attendance	Web-based Software		

#Optional for Projects; ** separate model number

*smart-i Policy is one of constant improvement. We reserve the rights to alter specifications with out any prior notice.