

# smart-i Introduces BIOlite NG For Multilocation Attendance Management from a Central Location of Retail Chains and Branches



## 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.

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			
<b>Model No</b>	<b>SBLNG130 - AC Series</b>	<b>SBLNG1930 - AC Series</b>		
	<b>SBLNG130 - TA Series</b>	<b>SBLNG1930 - TA Series</b>		
<b>Applications</b>	Access Control & Time Attendance			
<b>Hardware Specifications</b>				
<b>CPU</b>	32 Bit RISC ARM Processor			
<b>Memory</b>	Up to 8 MB (Flash)			
<b>Events/Transactions</b>	Up to 1,00,000			
<b>No. Template</b>	Upto 1900 (1:N)/(1:1)	Up to 19,000 (1:N)/(1:1)		
<b>Operation Modes</b>	Card Only; UID + Finger; Card + Finger; Finger Only; UID only (On Wiegand Card Only, Finger only & Card+ Finger )			
<b>Sensor</b>	High Quality Scratch Resistance Optical Sensor			
<b>Finger Score</b>	Display finger quality score at the time of finger registration			
<b>Communications Port</b>	TCP/IP & Wiegand			
<b>Baud Rate</b>	9600bps (Default)			
<b>Display</b>	128 X 64 Bicolor COG LCD			
<b>Keypad</b>	Capacitive Touch Sense Keypad			
<b>LED</b>	Tri-color LED Bar			
<b>Sound</b>	Various Beep Indication Messages			
<b>Power Supply</b>	12 V DC/ 2A (Min) , POE (Optional)			
<b>Enclosure</b>	ABS Plastic			
<b>Color</b>	Silver & Black			
<b>Dimension(H x W x D) in mm</b>	167x 105 x 45			
<b>Mounting</b>	Wall Mounting			
<b>Temperature</b>	0°C to 50°C			
<b>Humidity</b>	20% to 90%			
<b>Sensor Specifications</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>Access Control Feature</b>				
<b>Applicable in Model Nos</b>	<b>SBLNG130 - AC Series</b>	<b>SBLNG1930 - AC Series</b>		
<b>Facility Code</b>	Available			
<b>Time Zone / Access Levels</b>	63 + 1 (Free Time Zone) / Unlimited			
<b>Time Zone Slots</b>	4 slots per Day			
<b>Anti-Passback</b>	Hard, Soft, Escort (Reader Wise)			
<b>Holiday Settings</b>	42			
<b>Exit switch Supported</b>	Yes			
<b>Exit Reader Supported</b>	Yes			
<b>Input/Output</b>	3 (Door Status, Egress, Fire) / 3 (DOTL, Lock, Alarm)			
<b>Ordering Information</b>				
<b>Model No</b>	<b>Application</b>	<b>No of Template</b>	<b>Type</b>	<b>Inbuilt Reader</b>
SBLNG130-TA	Attendance	1900	Only Finger	P - EM Proximity S - MiFARE HI - HID iCLASS HP - HID Proximity
SBLNG130-TA-P/S/Hi/HP	Attendance	1900	Finger + Card	
SBLNG130-TA-P/S/Hi/HP-POE	Attendance	1900	With POE	
SBLNG1930-TA	Attendance	19000	Only Finger	
SBLNG1930-TA-P/S/Hi/HP	Attendance	19000	Finger + Card	
SBLNG1930-TA-P/S/Hi/HP-POE	Attendance	19000	With POE	
SBLNG130-AC	Access	1900	Only Finger	
SBLNG130-AC-P/S/Hi/HP	Access	1900	Finger + Card	
SBLNG1930-AC	Access	19000	Only Finger	
SBLNG1930-AC-P/S/Hi/HP	Access	19000	Finger + Card	
<b>Software</b>	<b>Application</b>	<b>Architecture</b>		
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 without any prior notice.