

BIOslim



Extensively advanced & ultra-modern combination of biometric & access control device so far.

Major Features:

- Standalone Biometric+Card+PIN device with Optical Sensor for Access & Attendance
- With in-built card reader-Mifare, HID I Class, HID Prox, EM, Desfire (Separate Models)
- Includes varied communication port TCP-IP; Weigand
- TFT display with capacitive touch sense keypad
- Enclosure is high quality IP-65 rated ABS plastic
- CE certified product with high quality Ip65 rated ABS plastic enclosure

Technical Specification

Particulars	Specifications			
Model No	SBS1930-AC-S/P/Hi/HP		SBS1930-TA-S/P/Hi/HP	
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	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 (Suprema) with ISO19794-2, ANSI-378 template standard			
Finger Score	Display finger quality score at the time of finger registration			
Communications Port	TCP/IP & Wiegand			
Baud Rate	9600bps (Default)			
Display	2.4" TFT Color Display			
Keypad	Capacitive Touch Sense Keypad			
LED	Tri-color LED Bar			
Sound	Various Beep Indication Messages			
Power Supply	12 V DC/ 2A (Min) , POE (Optional)			
Enclosure	IP65, ABS Plastic			
Color	Silver & Black			
Dimension(L x H x W) in mm	58 x 210 x 49			
Mounting	Wall Mounting			
Temperature	0°C to 50°C			
Humidity	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	SBS1930-TA-S/P/Hi/HP		SBS1930-AC-S/P/Hi/HP	
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
SBS1930-TA	Attendance	19000	Only Finger	P - EM Proximity
SBS1930-TA-S/P/Hi/HP	Attendance	19000	Finger + Card	S - MIFARE
SBS1930-AC	Access	19000	Only Finger	HI - HID iCLASS
SBS1930-AC-S/P/Hi/HP	Access	19000	Finger + Card	HP - HID Proximity
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		
Compliance	CE certified (EU directive 2001/95/EC & 1994/44/EC)			

GENERAL SPECIFICATIONS

- Device should be having Matching Mode 1:N as well as 1:1
- SD Card provision for storing Card & Templates Buffer , Transaction Buffer , Device Configuration
- Most efficient Push Mechanism, for Multi Location Application, to push data from multiple locations to the central location almost in real time.
- Device should have facility to integrate with CCTV/IP camera to take the photograph of user when user swipe his card/Finger
- Should have Random attendance paging to ensure continuous Attendance during the day. It ensure employee will not left the premises during the working hour
- Device should be accessible with OTP (One Time Password) for fingerprint enrollment & Changing of Date and Time. User Enrollment & changes of date and time should not happen with normal User ID & Password.

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 ► BIOSlim 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 & Elegant Look:- An aesthetic and elegant design with 2.4" TFT display and capacitive Touchsense keypad is a value addition to the interior of the premises



We proudly champion



Note: All specifications are subject to change without notice due to continuous improvements.