

# 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		
<b>Model No</b>	<b>SBS1930-AC-S/P/HI/HP</b>	<b>SBS1930-TA-S/P/HI/HP</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>	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 (Suprema) with ISO19794-2, ANSI-378 template standard			
<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>	2.4" TFT Color Display			
<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>	IP65, ABS Plastic			
<b>Color</b>	Silver & Black			
<b>Dimension(L x H x W) in mm</b>	58 x 210 x 49			
<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>SBS1930-TA-S/P/HI/HP</b>	<b>SBS1930-AC-S/P/HI/HP</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>
<b>SBS1930-TA</b>	Attendance	19000	Only Finger	P - EM Proximity
<b>SBS1930-TA-S/P/HI/HP</b>	Attendance	19000	Finger + Card	S - MIFARE
<b>SBS1930-AC</b>	Access	19000	Only Finger	HI - HID iCLASS
<b>SBS1930-AC-S/P/HI/HP</b>	Access	19000	Finger + Card	HP - HID Proximity
<b>Software</b>	<b>Application</b>	<b>Architecture</b>		
<b>SSA30- AS Series</b>	Access (Only)	Desktop based Software		
<b>SSTA30- AS Series</b>	Attendance (Only)	Desktop based Software		
<b>SCMD Pack Series</b>	Access + Attendance	Web-based Software		
<b>Compliance</b>	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



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CEI/1348

\* smart-i Policy is one of constant improvement. We reserve the rights to alter specifications without any prior notice.

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