

# BIOsingle

BIOsingle is an elegant and compact Fingerprint Reader specially designed for Access Control System. Also supports iCLASS technology from HID. It can work as Controller as well as Reader in Standalone and Network mode.



## Key Features

- Stores up to 9,500 templates.
- Real time auto update of Finger Templates to monitor changes in the fingerprint.
- HID PROX 125 Khz and HID iCLASS 13.56 Mhz Smart card technology.
- High Protection from Scratch and ESD (Electro Static Discharge).
- High Quality Optical Sensor with Industry's fastest 1:1 and 1:N matching speed (Award winning Fingerprint algorithm, 2004 & 2006).
- Configurable Operating Modes – Only Card; Only Finger; Card + Finger etc.
- Configurable modes of sensor: 1:1; 1:N & auto-identification.

## Fingerprint Scanner

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%



application  
areas

- Physical Access Control
- Safes and Vaults
- Time Attendance System
- Guard Tour

## Benefits:

- Flexible operating modes.
- Highest Security Level.
- Industry leading fingerprint identification speed.
- Supports Proximity/Smart card/HID readers.
- Products Range to support requirements from Small Office to Organizations with Multi-Locations.
- User-friendly Remote Management System for template management.

	BIOsingle As a Reader	
Specifications	SBSN150 Series	SBSN950 Series
<b>System Features</b>		
Number of Templates	1900	9500
Operation Modes (Opt.)	(1:N) – Fingerprint/(1:1) Fingerprint + Card / Card only	
Scanner (Sensor)	High Quality Optical Sensor	
In-built Card reader	HID ( PROX 125 KHz ) HID iCLASS (13.56 Mhz ) Smart Card Technology	
Communications Port	Wiegand o/p	
Read Range	Upto 10 cms	
Distance From Controller	100mtr	
Wiegand Formats	26 bits/32 bits	
Template Upload / Download	RS485/RS232	
Baud Rate	9600bps (default )	
LED / Buzzer	Bi-color LED Bar/Multi Tone Buzzer O/p	
Power Supply	12v DC from Controller	
Operating Temperature	0° C to 50° C	
Humidity	20% to 90%	
Color / Weight	Jet Black / 300 gms	
Dimension (L X H X D) in mm	76 X 124 X 50	
<b>Access Control Features</b>		
Facility Code	8 (3 digits code)	
Time Zone Access Levels	N.A.	
<b>Compatible Software</b>		
Access/Remote Mgmt System	Template Manager (For Template Upload/Download)	
Reporting/Attendance Software	N.A.	

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