

S-BIO

Sensor Biometric Fingerprint Readers

The Sensor Bio is an IP-based fingerprint access control device. The reader is integrated with both fingerprint and 2 types of internal proximity card readers (Mifare & 125Mhz EM type).

Key Features

- Award winning fingerprint algorithm
- 1:2000 fingerprint identification in 1 second
- Ethernet interface for TCP/IP communication
- Wiegand output configurable to 64 bits
- Built in RF reader
- Slim design for installation on a door frame
- Multi-colour LED and interface tone buzzer

The Sensor Bio is a cost effective solution to add biometric reading to your access control system

Fast and Accurate fingerprint identification is ideal for busy doors. Fingerprints can be identified in 1 second due to the award winning fingerprint algorithm

Easy Installation The slim design of the S-BIO reader allows it to be installed almost anywhere. With a width of 50mm the Bio-Plus is ideal for door frames and anywhere space is a problem.

Easy Connectivity The built-in Ethernet interface allows for easy TCP communication

User Friendly LED & Buzzer Feedback allows the user to easily identify access granted or access denied

Built in Card Reader The building RF card reader allows the option of fingerprint and card for extra security. The S-BIO can also be used for fingerprint only

Internal and external options available to meet a variety of requirements



S-BIO-MF-W



S-BIO-SP/MF

S-BIO

Sensor Biometric Fingerprint Readers



Technical Specification

CPU	400MHz DSP
Memory	4MB flash & 8MB RAM
Fingerprint	500dpi optical sensor
Identification Speed	2000 match in 1 second
Fingerprint Capacity	10,000 Templates (5000 Users)
RF Card	Proximity 125kHz EM Mifare 13.56MHz

Physical

Dimensions S-BIO-SP	160(H) x50(W) x37(D) mm
Sound	Multi-tone buzzer
LED	Multi-colour LED
Dimensions S-BIO-MF	160(H) x50(W) x37(D) mm
Sound	Multi-tone buzzer
LED	Multi-colour LED
Dimensions S-BIO-MF-W	172(H) x50(W) x42(D) mm
Sound	Multi-tone buzzer
LED	Multi-colour LED

Operational

Network Interface	RS485, TCP/IP
Wiegand Output	Configurable up to 64 bits
Operation Modes	Fingerprint RF Card Fingerprint & RF Card

Electrical

Operating Voltage	12vDC
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Part Numbers

S-BIO-SP	Fingerprint access control device with built in SensorProx reader. Compatible with GuardPoint PRO software Version 2.3
S-BIO-MF	Fingerprint access control device with built in Mifare reader. Compatible with GuardPoint PRO software Version 2.3
S-BIO-MF-W	Fingerprint access control device with built in Mifare reader, IP65 and IK08. Compatible with GuardPoint PRO software Version 2.3