

S-Bio-W2 Biometric Reader

S-Bio-W2 is a IP-based rugged fingerprint access control device.

The Bio Plus W2 provides class-leading performance and security using a powerful quad-core CPU.

The live finger detection technology blocks fake fingerprints made from various materials including clay, rubber, silicon, glue, paper and film.

Packed in a rugged IP67/IK09 housing with sleek metal finish, BioEntry W2 is a perfect access control solution for tough environments and outdoor installations.

Key Features

- Power over Ethernet (PoE)
- Live Finger Detection Technology
- Dual Frequency, Multi-Smartcard Reader
- IK09 Vandal-proof Structure
- IP67, Dust & Waterproof
- World's Fastest Outdoor Fingerprint Device

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

World's Fastest Outdoor Fingerprint Device

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.

IP67, Dust & Water Proof

S-Bio-W2 offers superior ingress protection with its IP67 rated rugged structure. The device provides superior protection against invasive moisture, dust and even liquids. This protection is achieved with meticulous sealing and extra protective engineering from Suprema. No matter how harsh the environment, S-Bio-W2 is the ideal choice for outdoor applications.

Dual Frequency, Multi-Smartcard Reader

Featuring dual-frequency RFID technology, S-Bio-W2 supports both LF(125Khz) and HF(13.56MHz) RFID including all RFID standards that HID multiCLASS readers support. On top of fingerprint credential, BioEntry W2 supports most types of RFID card standards with a single device including MIFARE, HID iCLASS, DESFire, FeliCa, HID Prox, EM and NFC.

BioEntry W2

World's Most Advanced Outdoor
Fingerprint Access Control Device



S-Bio-W2 Biometric Reader

Sensor Biometric Fingerprint Readers



Technical Specification

CPU	1.2 GHz Quad Core
Memory	2GB Flash + 256 MB RAM
Sensor Type	Optical Sensor (OP5)
Fingerprint Capacity	500,000 Templates (Based on one finger enrollment per user)
RF Card	125KHz EM, 13.56MHz MIFARE, FeliCa, NFC, DESFire (EV1)

Physical

Dimensions	50 mm x 172 mm x 43.5mm / 38.2 mm
Sound	Multi-tone buzzer
LED	Multi-colour LED

Operational

Network Interface	RS485, TCP/IP, POE
Wiegand Output	1ch Input or Output
Operation Modes	Fingerprint RF Card Fingerprint & RF Card

Electrical

Operating Voltage	DC 12V Current: Max. 600 mA
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Part Numbers

BioEntry W2	Fingerprint access control device with built in multi card reader. Compatible with GuardPoint10
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