

suprema BioEntry W2

Outdoor IP Fingerprint Device



| BioEntry W2 |

Suprema BioEntry W2 is a rugged fingerprint access control device featuring Suprema's next generation biometric technology and security platform. BioEntry W2 provides class-leading performance and security by featuring Suprema's latest fingerprint algorithm coupled by powerful quad-core CPU and LFD (live finger detection) technology. The device also provides added flexibility in system design by featuring multi card reading with dual-frequency RFID technology. Packed in a rugged IP67/IK08 housing with sleek metallic finish, BioEntry W2 is a perfect access control solution for tough environment and outdoor installation.



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Features



Best-in-class Performance

- Latest Suprema algorithm
- 1.2GHz quad-core CPU



Improved Accuracy & Security

- New advanced Live Finger Detection(LFD) technique
- High-precision OP5 optical sensor



Expanded Capacity

- Max. 500k users/1 million text logs
- Large memory: 2GB Flash + 256 MB RAM



**IP67
IK08**

Rugged Structure

- IK08 impact protection
- IP67 ingress protection
- Ideal for outdoor installation



Multi RFID Card Reading

- LF(125KHz), HF(13.56MHz) dual-band
- Reads all card types that HID multiCLASS supports (EM/HID Prox/MIFARE/iCLASS/DESFire/FeliCa/NFC)

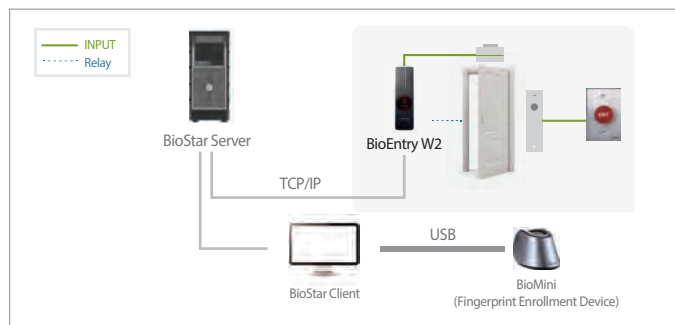
Specifications

IP67 IK08

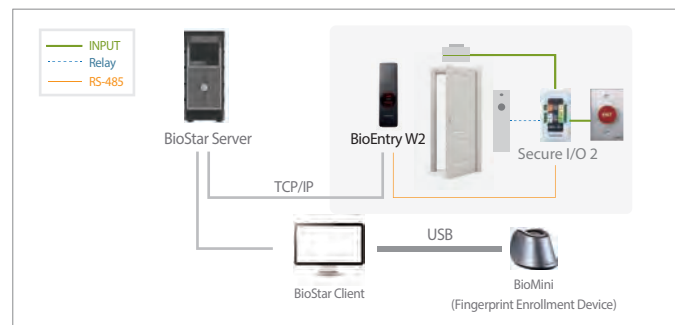
| | |
|------------------------|--------------------------------------|
| Biometric | Fingerprint |
| Sensor Type | Optical Sensor (OP5) |
| Template | SUPREMA / ISO 19794-2 / ANSI 378 |
| Extractor / Matcher | MINEX certified and compliant |
| LFD | Supported |
| RF Option | BEW2-OHP |
| | BEW2-ODP |
| | BEW2-OAP |
| CPU | 1.2 GHz Quad Core |
| Memory | 2GB Flash + 256 MB RAM |
| Max. User | 500,000 (1:1), 100,000(1:N) |
| Max. Template | 1,000,000(1:1), 200,000(1:N) |
| Max. Logs | 1,000,000(text) |
| LED | Multi-Color |
| Sound | Multi-tone Buzzer |
| Ethernet | 10/100 Mbps, auto MDI/MDI-X |
| RS-485 | 1ch host or slave (selectable) |
| Wiegand | 1ch input or output (selectable) |
| TTL | 2ch input |
| Relay | 1 Relay |
| PoE | IEEE802.3af |
| Ingress Protection | IP67 |
| Impact Protection | IK08 |
| Tamper | Supported |
| Power | Voltage: DC 12V Current: Max. 600 mA |
| Operating Temperature | -20°C ~ 50°C |
| Operating Humidity | 0% ~ 80%, non-condensing |
| Dimensions (WxHxD, mm) | 50 x 172 x 43.5 |
| Unit Weight | 251g |
| Certificates | CE, FCC, KC, RoHS, REACH, WEEE |

System Configuration

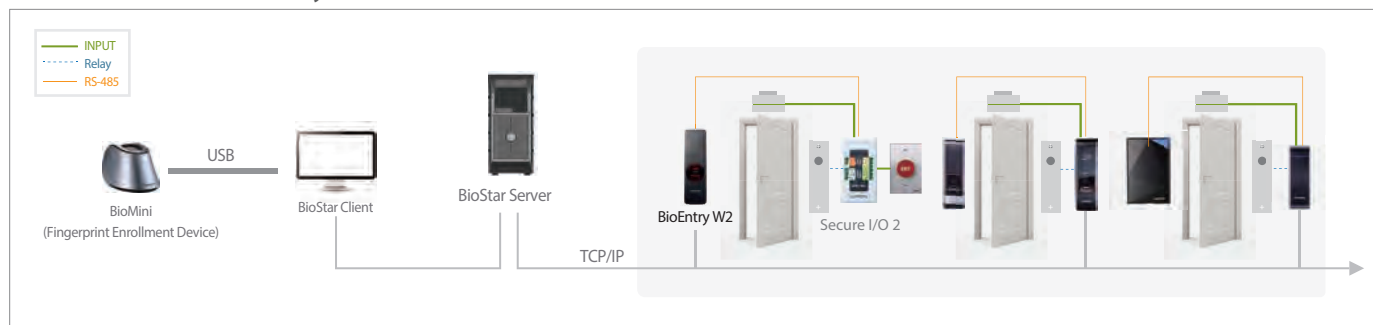
• Standalone



• Standalone-Secure



• Distributed Access Control Systems



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