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BioEntry W2

Outdoor IP Fingerprint Device

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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

Rugged Structure
IP67
IK08
- 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)

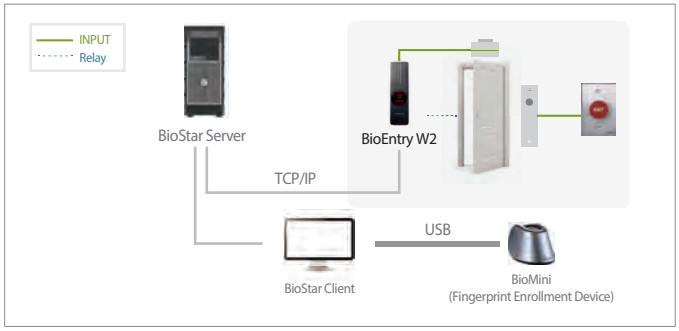
Specifications

IP67 IK08

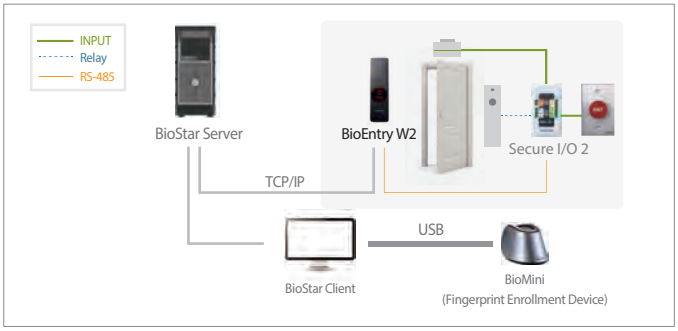
Biometric	Fingerprint		
Sensor Type	Optical Sensor (OP5)		
Template	SUPREMA / ISO 19794-2 / ANSI 378		
Extractor / Matcher	MINEX certified and compliant		
LFD	Supported		
RF Option	BEW2-OHP	BEW2-ODP	BEW2-OAP
	125 KHz HID Prox	125KHz EM 13.56MHz MIFARE,FeliCa,NFC	125 KHz EM/HID Prox 13.56 MHz MIFARE/DESFire(EV1) /FeliCa/NFC/iCLASS(SE)
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

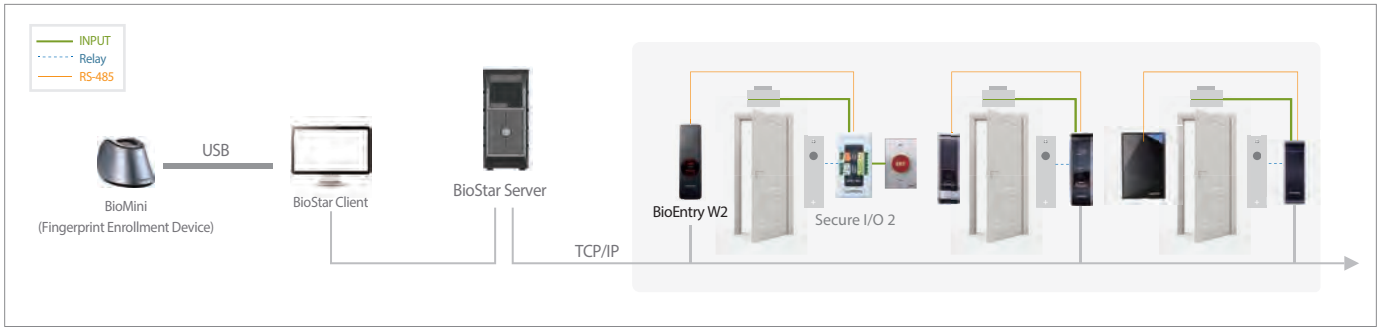
• Standalone



• Standalone-Secure



• Distributed Access Control Systems



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