

# suprema BioEntry W2

Outdoor Vandal-proof Fingerprint Terminal



## | BioEntry W2 |

Suprema BioEntry W2 is an outdoor vandal-proof fingerprint IP access terminal 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. Packed in a rugged IP67/IK08 housing with sleek metal 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
- Up to 150,000 matches per second (genuine)



### Improved Accuracy & Security

- New advanced LFD (live finger detection) technique
- Improved OP5 optical sensor and algorithm



### Expanded Capacity

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



### Best-in-class Features

- PoE support
- IK08 impact protection
- IP67 ingress protection



### Versatile Interfaces/RF options

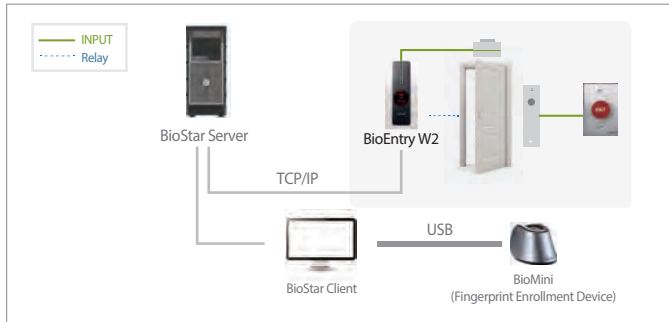
- Wiegand, RS485, TTL I/O, relay
- 125KHz EM/HID Prox
- 13.56 M Hz MiFare/DESFire(EV1)/Felica/NFC/iClass

## Specifications

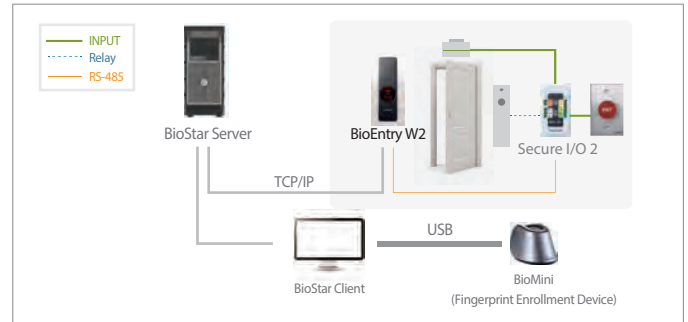
Biometric	Fingerprint
Template	SUPREMA / ISO 19794-2 / ANSI 378
Extractor / Matcher	MINEX certified and compliant
LFD	Supported
RF Option	125 KHz EM/HID Proxy, 13.56 MHz Mifare/DESFire/DESFire EV1/Felica/NFC/iClass
CPU	1.2 GHz Quad Core
Memory	2GB Flash + 256 MB RAM
Max. User	500,000 (1:1), 100,000(1:N)
Max. Template	1,000,000(1:1), 200,000(1:N)
Max. Logs	1,000,000(text)
LCD	Multi color LCD
Sound	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
PoE	Supported (IEEE 802.3af compliant)
Tamper	Supported
Power	DC 12V
Operating Temperature	-20°C ~ 50°C
Operating Humidity	0% ~ 80%, non-condensing
Dimensions (WxHxD, mm)	50 x 172x 43.5(bottom)/38.2(top)
Unit Weight	251g (294g incl. bracket, washers, bolts)
Certificates	CE, FCC, KC, RoHS, REACH, WEEE

## System Configuration

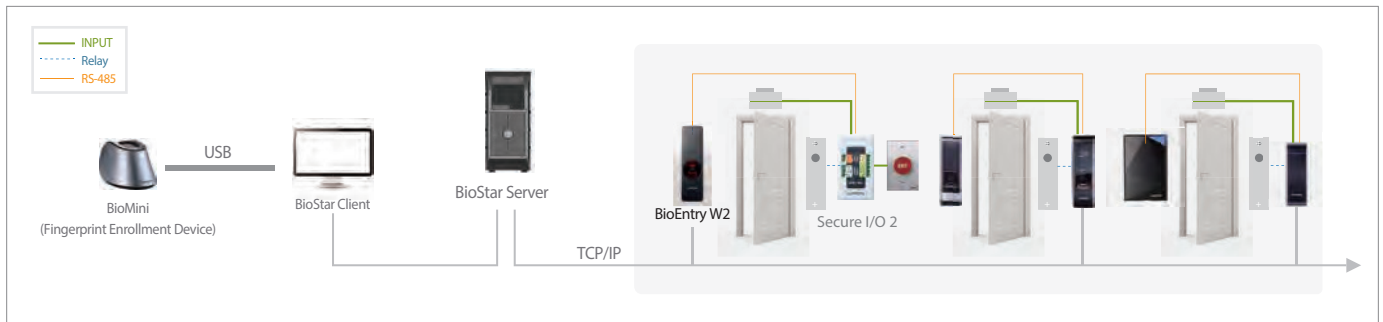
### • Standalone



### • Standalone-Secure



### • Distributed Access Control Systems



BioConnect is dedicated to helping you successfully promote and install the Suprema product line.

Please visit [www.bioconnect.com/Suprema](http://www.bioconnect.com/Suprema)

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