

BioEntry W2

Outdoor IP Fingerprint Device



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/IK09 housing with sleek metallic finish, BioEntry W2 is a perfect access control solution for tough environment and outdoor installation.

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

- IK09 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

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	
	125kHz HID Prox	125kHz EM & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, NFC	125kHz EM, HID Prox & 13.56Mhz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR/Seos, NFC	
CPU	1.2 GHz Quad Core			
Memory	2GB Flash + 256 MB RAM			
Max. User (1:1)	500,000 (Based on one finger enrollment per user)			
Max. User (1:N)	100,000 (Based on one finger enrollment per user)			
Max. Finger per user	10			
Max. Text Log	1,000,000			
LED	Multi-Color			
Sound	Multi-tone Buzzer			
Ethernet	10/100 Mbps, auto MDI/MDI-X			
RS-485	1ch host or slave (selectable), OSDP V2.1.6			
Wiegand	1ch input or output (selectable)			
TTL	2ch input			
Relay	1 Relay			
PoE	Supported (IEEE 802.3af compliant)			
Ingress Protection	IP67			
Impact Protection	IK09			
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			
Certificates	CE, FCC, KC, RoHS, REACH, WEEE			

System Configurations

