

BioEntry P2

Compact IP Fingerprint Device



Suprema BioEntry P2 is a compact fingerprint access control device featuring Suprema's next generation biometric technology and security platform. BioEntry P2 provides class-leading performance and security by featuring Suprema's latest fingerprint algorithm coupled with powerful 1.0GHz CPU. Packed in a million-type sleek design, BioEntry P2 also provides added flexibility in system design by featuring multi card reading with dual-frequency RFID technology. With its selection of communication interfaces and credential options, BioEntry P2 is a perfect IP access control solution for sites large or small.

Suprema
SECURITY & BIOMETRICS

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Features



Best-in-class Performance

- Latest Suprema algorithm
- Fast matching: Max 10,000 match/sec
- Powerful 1.0GHz CPU
- High-precision OP6 optical sensor



Enterprise-level Capacity

- Max. 10,000 users
- Max. 1,000,000 event logs



Multi RFID Card Reading

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



Versatile Interfaces

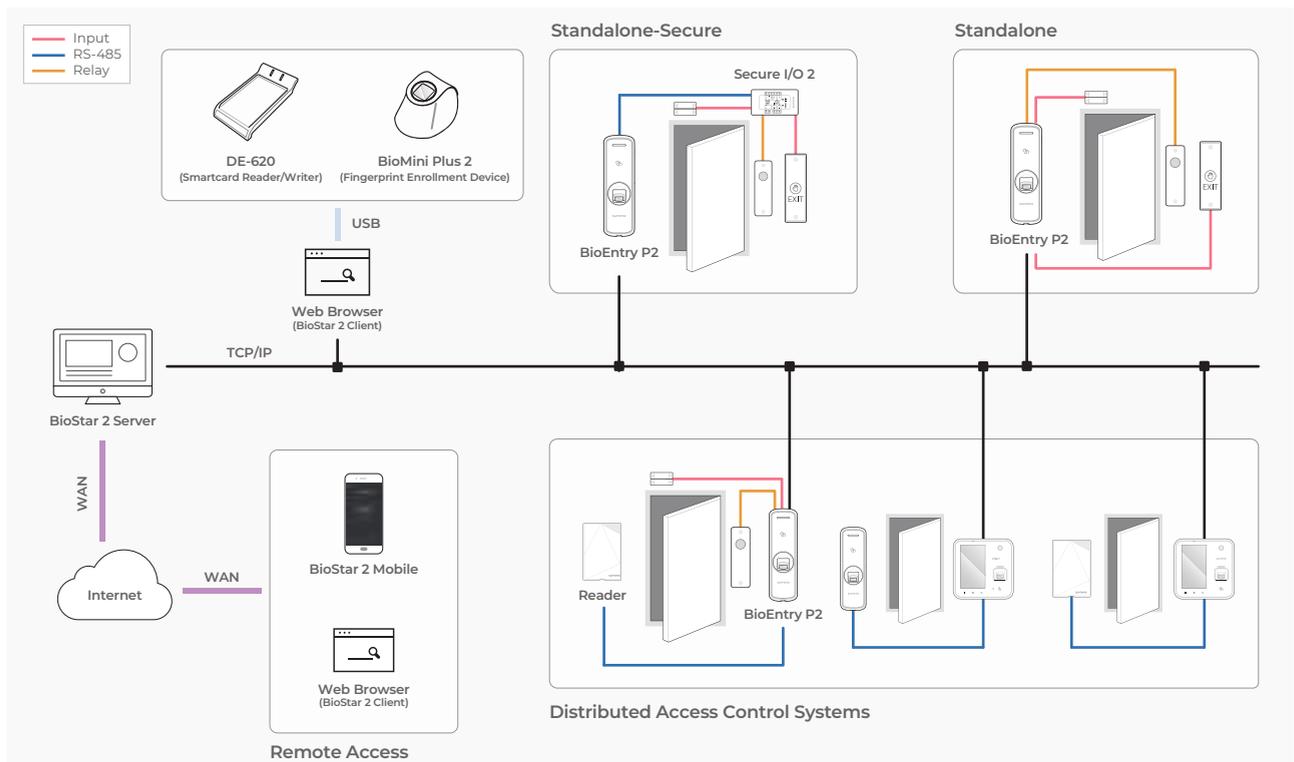
- Communication: TCP/IP, RS-485, Wiegand
- Input/output: TTL I/O, Relay

Specifications

Model Name	BEP2-OD	BEP2-OA
RF Option	125KHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 ⁽¹⁾ , FeliCa	125KHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 ⁽¹⁾ , FeliCa, iCLASS SE/SR/Seos
Biometric	Fingerprint	
Live Fingerprint Detection	Supported (SW-based)	
Sensor Type	Optical Sensor (OP6)	
Template	SUPREMA / ISO19794-2 / ANSI-378	
Extractor	MINEX certified and compliant	
CPU	1.0 GHz	
Memory	8GB Flash + 64 MB RAM	
Crypto Chip	Supported	
Max. User	10,000	
Max. Credential (1:N)	Fingerprint: 10,000	
Max. Credential (1:1)	Fingerprint: 10,000 / Card: 10,000	
Max. Text Log	1,000,000	
LED	Multi-Color	
Sound	Multi-tone Buzzer	
Ethernet	Supported (10/100 Mbps, auto MDI/MDI-X)	
RS-485	1 ch Master / Slave (Selectable)	
RS-485 Communication Protocol	OSDP V2 compliant	
Wiegand	1 ch Input / Output (Selectable)	
TTL Input	2 ch Inputs	
Relay	1 Relay	
Tamper	Supported	
Power	Voltage: 12 Vdc, Current: Max. 0.2 A	
Dimensions (WxHxD)	50.1 x 164 x 38 (mm)	
Certificates	CE, UKCA, KC, FCC, RCM, BIS, ANATEL, RoHS, REACH, WEEE	

(1) DESFire EV2/EV3 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with BioEntry P2.

System Configurations



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