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 mullion-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.

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
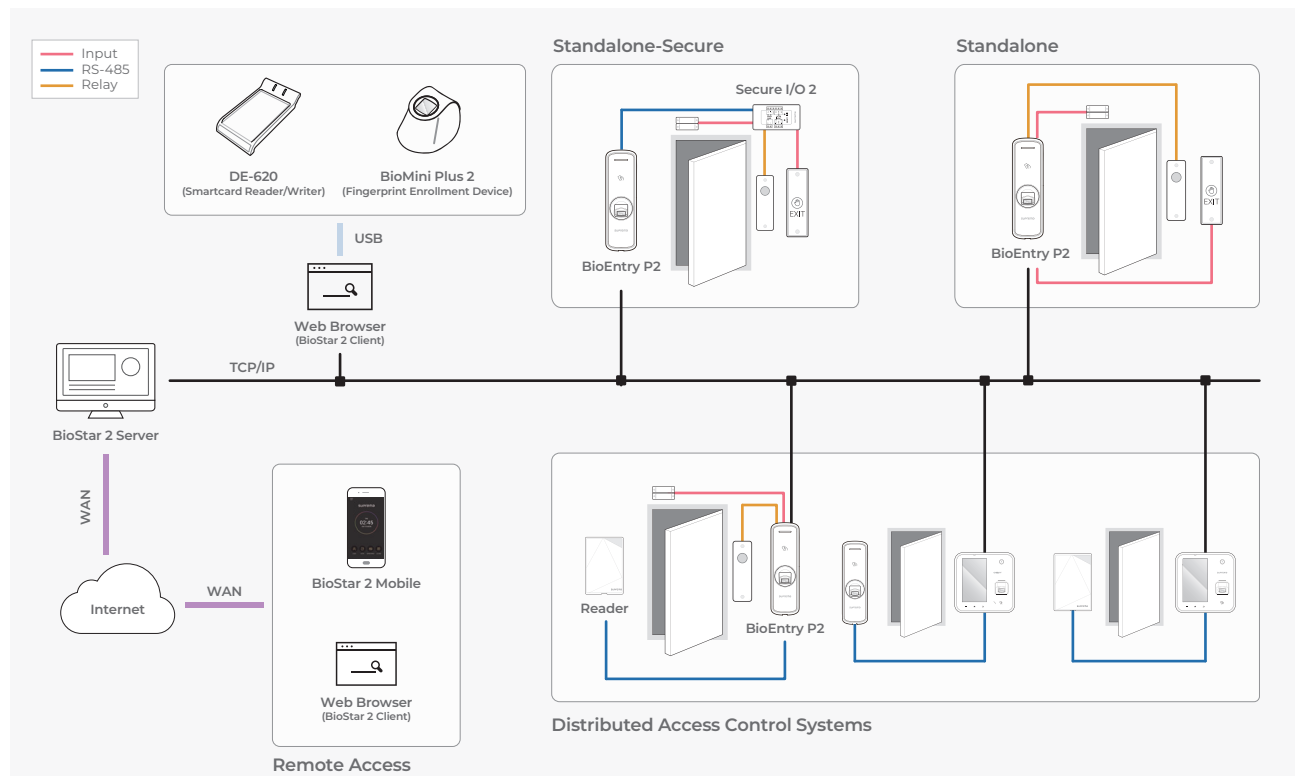 (EM/HID Prox/MIFARE/iCLASS/DESFire/FeliCa/NFC)

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 EV1/EV2*, FeliCa, NFC	125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/SR/Seos, NFC
Biometric	Fingerprint	
Sensor Type	Optical Sensor (OP6)	
Template	SUPREMA / ISO 19794-2 / ANSI 378	
Extractor / Matcher	MINEX certified and compliant	
CPU	1.0 GHz	
Memory	8GB Flash + 64 MB RAM	
Max. User (1:1)	10,000 (Based on one finger enrollment per user)	
Max. User (1:N)	10,000 (Based on one finger enrollment per user)	
Max. Finger per user	10	
Max. Text 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	
Tamper	Supported	
Power	DC 12V	
Dimensions (WxHxD,mm)	50 x 164 x 37.5	
Certificates	CE, FCC, KC, RoHS, REACH, WEEE	

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with BioEntry P2.

System Configurations

Legend:
- Input
- RS-485
- Relay

DE-620 (Smartcard Reader/Writer)

BioMini Plus 2 (Fingerprint Enrollment Device)

USB

Web Browser (BioStar 2 Client)

Standalone-Secure

Secure I/O 2

BioEntry P2

Standalone

BioEntry P2

TCP/IP

BioStar 2 Server

WAN

Internet

WAN

BioStar 2 Mobile

Web Browser (BioStar 2 Client)

Remote Access

Reader

BioEntry P2

Distributed Access Control Systems