

suprema

BioStation A2

Fingerprint IP Access Terminal



| BioStation A2 |

Suprema BioStation A2 is the most advanced fingerprint access control and time attendance terminal featuring Suprema's next generation biometric technology and security platform. BioStation A2 provides class leading performance through World's best matching performance, uncompromised security and accuracy along with top-notch usability. Preloaded with BioStar 2, BioStation A2 operates as a web server which offers extra flexibility in system design for sites large or small.



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Features



World's Fastest Performance

- Powered by 1GHz iMX6 Quad-core CPU
- Up to 150,000 matches per second (1:1)
- Data transfer speed up to 5,000 users/min



Improved Accuracy & Security

- Up to 5x enhanced recognition performance
- New advanced LFD(live finger detection) technology
- Improved optical sensor and algorithm



Expanded Capacity

- Max. 500,000 users
- 5mil text logs/50,000 image logs
- Large memory: 1GB RAM+ 8GB Flash



Best-in-class Features

- 5" IPS LCD touchscreen with reinforced glass front
- 2MP wide-angle camera for clear face image logs
- Android O/S with improved GUI
- Videophone support/Extensive RF card options



Versatile Interfaces

- TCP/IP, Wi-Fi, PoE(IEEE802.3af)
- USB host/OTG, SD card
- Wiegand, RS485, TTL I/O. relay

Specifications

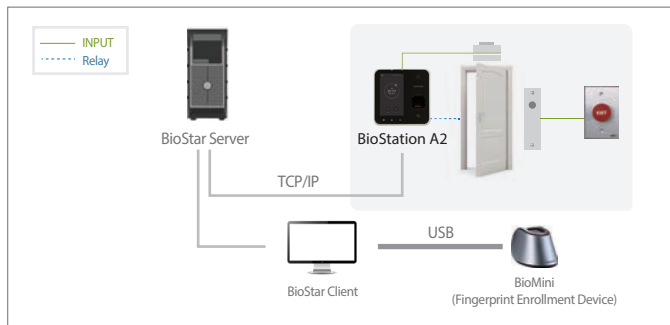
| | |
|--|--|
| Biometric Template Extractor / Matcher | Fingerprint SUPREMA / ISO 19794-2 / ANSI 378 MINEX certified and compliant |
| LFD(Live Finger Detection) | Supported |
| CPU | 32Bit 1.0 GHz Quad Core |
| Memory | 1GB RAM + 8GB Flash |
| Max. User | 500,000 (1:1), 100,000(1:N) |
| Max. Template | 1000000(1:1), 200,000(1:N) |
| Max. Logs | 5,000,000(text), 50,000(image) |
| LCD | 5" IPS LCD with capacitive touchscreen |
| LED | Multi-Color LED |
| Sound | 24 bit/Voice DSP (echo cancelation) |
| Wi-Fi | IEEE 802.11 b/g |
| Interfaces | TCP/IP, RS485, Wiegand, TTL, Relays, USB |
| SD Card | MicroSD up to 32GB |
| PoE | Supported (IEEE 802.3af compliant) |
| Tamper | Supported |
| Power | DC 12V , Max. 850 mA |
| Operating Temperature | -20°C - 50°C |
| Operating Humidity | 0% - 80%, non-condensing |
| Camera | 2 MP wide-angle (1600 x1200)resolution |
| Camera angle | Diagonal 122°, Horizontal 64.7°, Vertical 103.3° |
| Dimension (W x H x D) | 155 mm x 155 mm x 40 mm |
| Unit Weight | 440g |
| Certificates | CE, FCC, KC, RoHS, REACH, WEEE |

RF Card Option

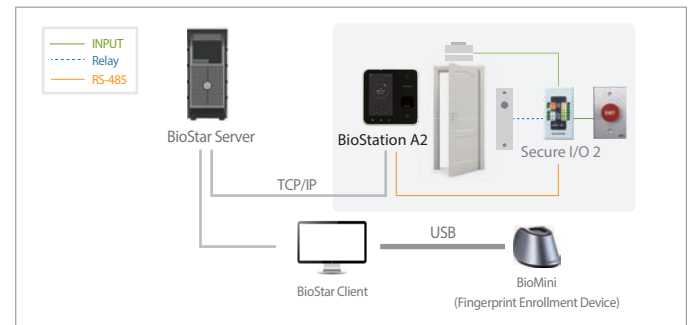
- 125KHz EM
- 125KHz HID Prox
- 13.56MHz MiFare/DESFire/DesFire EV1/Felica/NFC
- 13.56MHz iClass SE

System Configuration

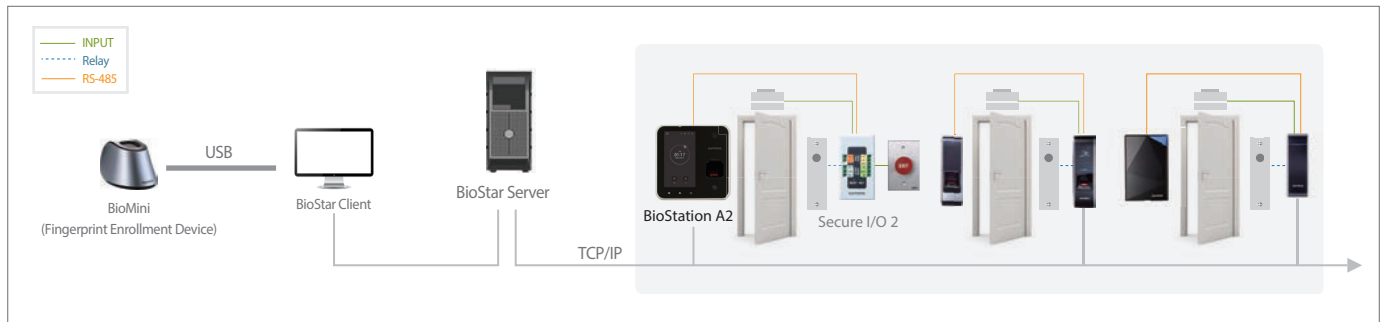
• Standalone



• 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

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