

suprema

BioStation A2

Fingerprint IP Access Terminal



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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

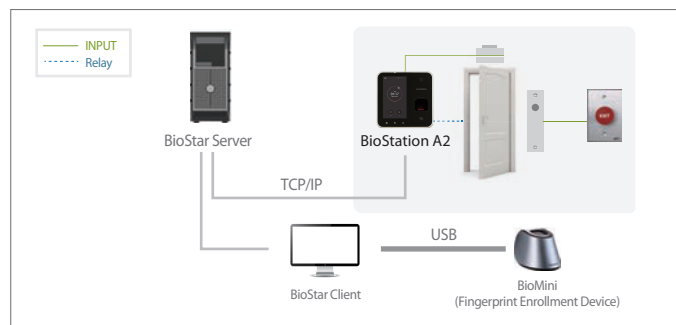
Biometric Template	Fingerprint
Extractor / Matcher	SUPREMA / ISO 19794-2 / ANSI 378
LFD(Live Finger Detection)	MINEX certified and compliant
CPU	Supported
Memory	32Bit 1.0 GHz Quad Core
Max. User	1GB RAM + 8GB Flash
Max. Template	500,000 (1:1), 100,000(1:N)
Max. Logs	1000000(1:1), 200,000(1:N)
LCD	5,000,000(text),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

RF Card Option

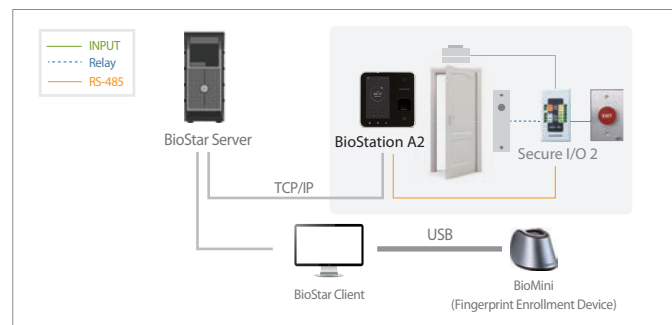
- 125KHz EM
- 125KHz HID Prox
- 13.56MHz MiFare/DESFire/DesFire EV1/Felica/NFC
- 13.56MHz iClass SE

System Configuration

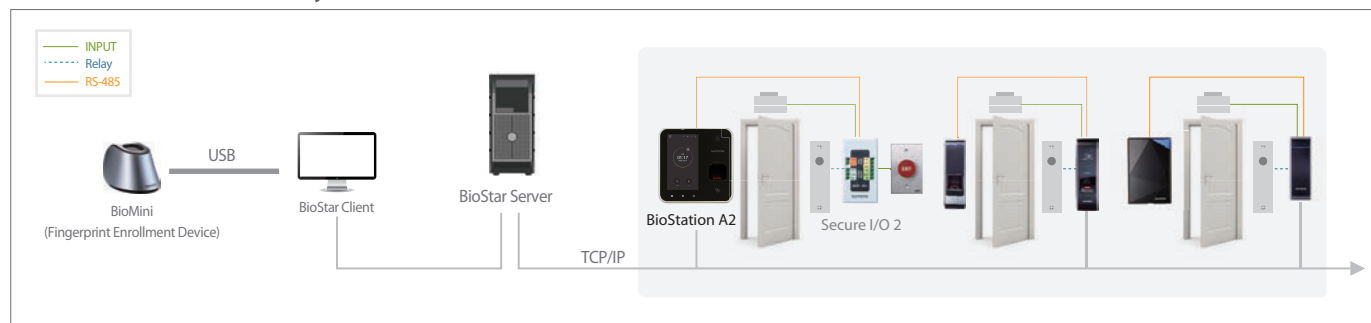
• Standalone



• Standalone-Secure



• Distributed Access Control Systems



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