

# BioStation A2

IP Fingerprint Terminal



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.

## Features



### World's Fastest Performance

- Powered by 1GHz iMX6 Quad-core CPU
- Up to 150,000 matches per second (1:N)
- 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

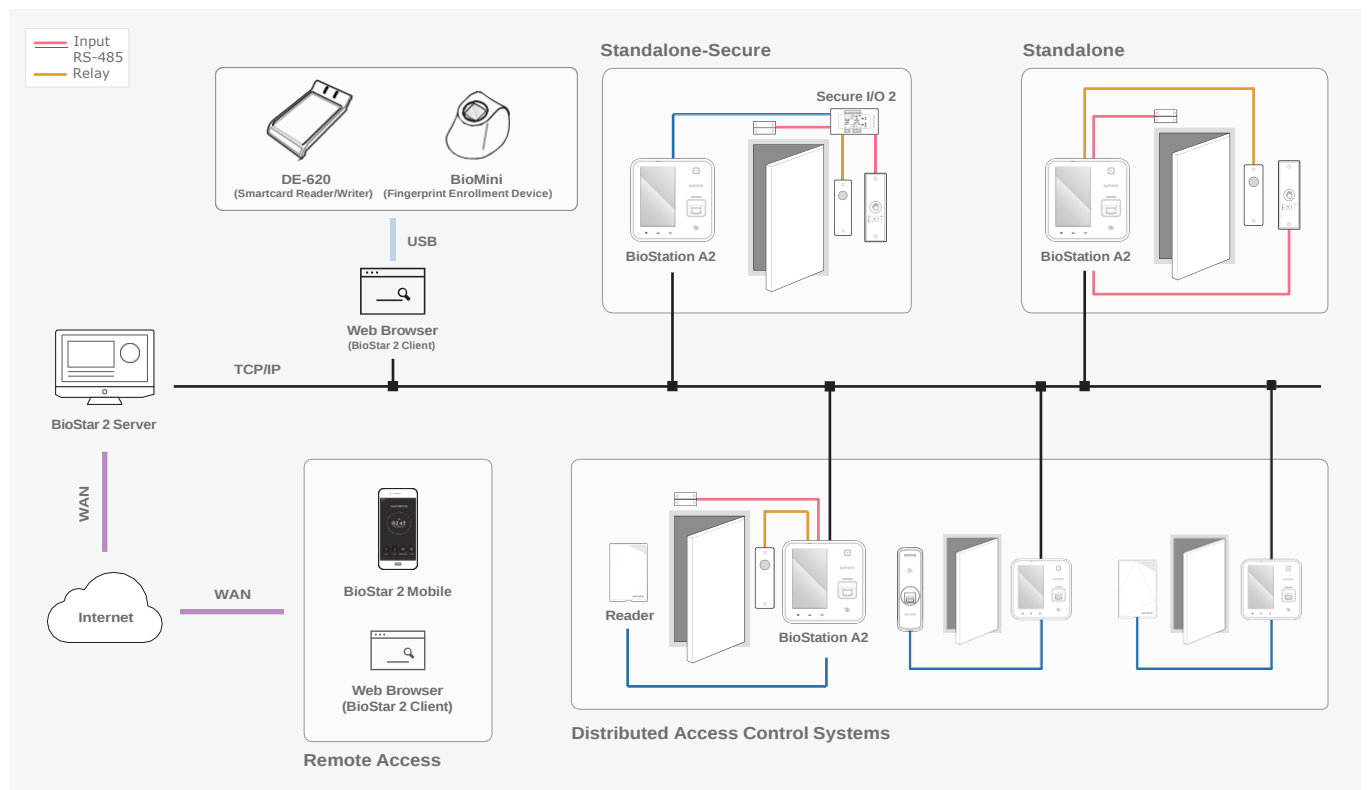
- TCP/IP, Wi-Fi, PoE(IEEE802.3af)
- USB host/OTG, SD card
- Wiegand, RS485, TTL I/O. relay

## Specifications

|                                                          |                                                                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Biometric                                                | Fingerprint                                                                                                                  |
| Template                                                 | SUPREMA/ISO 19794-2/ANSI 378                                                                                                 |
| Extractor / Matcher                                      | MINEX certified and compliant                                                                                                |
| LFD                                                      | Supported                                                                                                                    |
| RF Option                                                | BSA2-OEPW    BSA2-OHPW    BSA2-OIPW    BSA2-OMPW                                                                             |
|                                                          | 125KHz EM    125 KHz HID Prox    13.56MHz CLASS/SE/SR/Seas, NFC    13.56MHz MIFARE MIFARE Plus, DESFireEV11/EV2* FeliCa, NFC |
| CPU                                                      | 1.0 GHz Quad Core                                                                                                            |
| Memory                                                   | 1GB RAM + 8GB Flash                                                                                                          |
| Users (1:1)<br>* Based on one finger enrollment per user | 500,000                                                                                                                      |
| Users (1:N)<br>* Based on one finger enrollment per user | 100,000                                                                                                                      |
| 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                                                    | Supported (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                                                                                                                       |
| Operating Temperature                                    | -20°C - 50°C                                                                                                                 |
| Operating Humidity                                       | 0% - 80%, non-condensing                                                                                                     |
| Camera                                                   | 2 MP wide-angle (1600 x1200)resolution                                                                                       |
| Dimension (W x H x D)                                    | 155 mm x 155 mm x 40 mm                                                                                                      |
| Unit Weight                                              | 440g                                                                                                                         |
| 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 BioStation A2  
\* The Functions of the microSD card are available by customization only.

## System Configurations



Partners

## Acroprint Representaciones Del Perú S.A.C

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Para mas información puede visitar nuestra pagina o escanear el código QR  
<https://www.acroprintperuana.com>