

suprema BioStation 2

Ultra Performance IP Fingerprint Terminal



| BioStation 2 |

BioStation 2 incorporates the latest Suprema technology in a beautiful exterior. It combines a new powerful processor, Suprema's next generation optical sensor and improved fingerprint sensing & capturing algorithm to offer unrivaled performance. BioStation 2 provides users with instant authentication and rapid data transfer to manage high volume data with ease. It is ideal for applications that requires versatility without compromise in style and performance.



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Features



Instant Matching & Authentication

Improved matching algorithm, memory handling and powerful processor up to 20,000 matches per second



Rapid Data Transfer

Optimal data transfer between the server and the device to transfer up to 5,000 user data in under a minute



Expanded Memory Capacity

1,000,000 fingerprint template and 3,000,000 event logs



IP65 Certified Dust & Water Protection

Ideal for harsh environment and outdoor installation



Versatile Interface

Built-in WiFi and Power-over-Ethernet functionality for wide range of installation options

Specifications

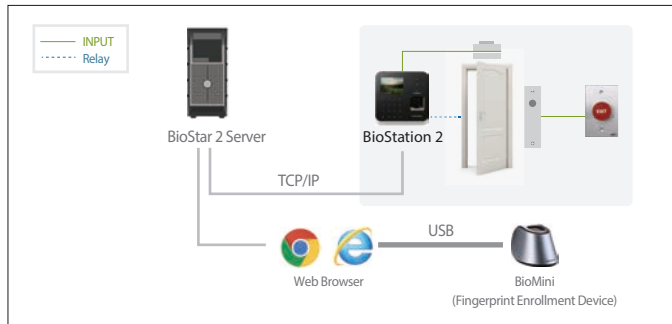
| | |
|--------------------|--|
| CPU | 1.0GHz |
| Memory | 128MB RAM + 8GB Flash |
| Fingerprint Sensor | Optical |
| Template Capacity | 1,000,000 (1:1), 40,000 (1:N) |
| Max User | 500,000 (1:1), 20,000 (1:N) |
| Log Capacity | 3,000,000 |
| Ingress Protection | IP65 |
| PoE | Yes |
| Interfaces | TCP/IP, Wiegand, RS485, RS232, TTL I/O, Wi-Fi, Relay |
| Tamper | Yes |
| Sound | 16-bit Hi-Fi |
| Operating Temp. | -20° to 50°C |
| Operating Voltage | 12VDC |
| Dimensions (mm) | 142 x 144 x 45 mm (W x H x D) |
| Certifications | CE, FCC, KC, RoHS |

RF Card Option

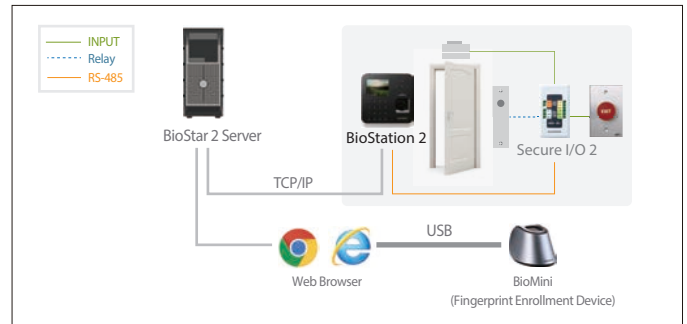
- 125KHz EM
- 125KHz HID Prox
- 13.56MHz MIFare/DESFire/DesFire EV1/Felica/NFC
- 13.56MHz iClass SE

System Configuration

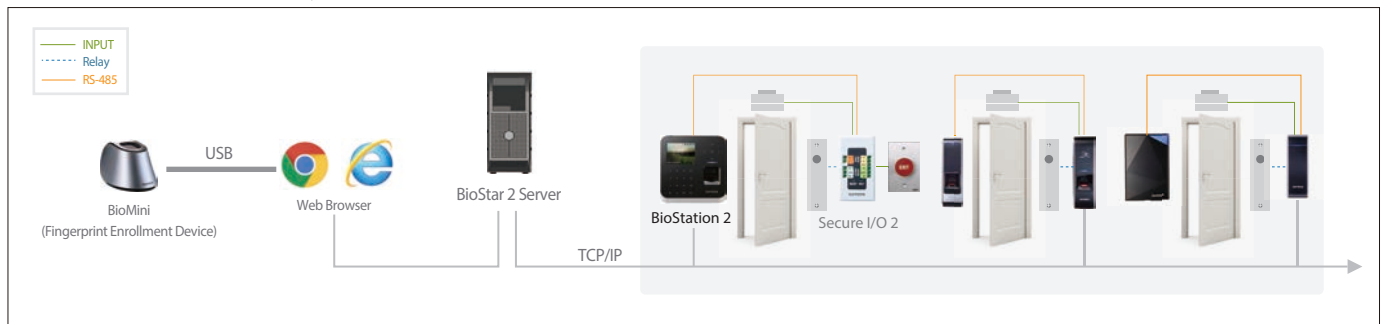
• Standalone



• Standalone-Secure



• Distributed Access Control Systems



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