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 ouer 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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effective team management

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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

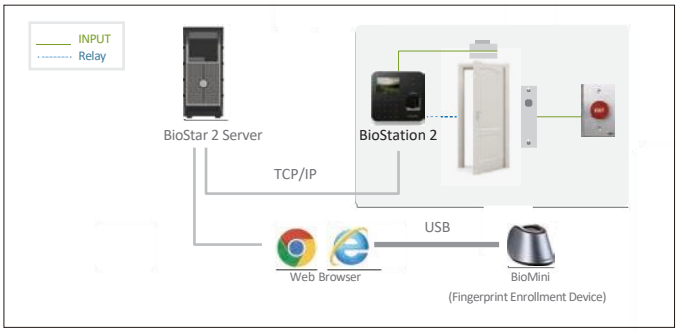
Specifications

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

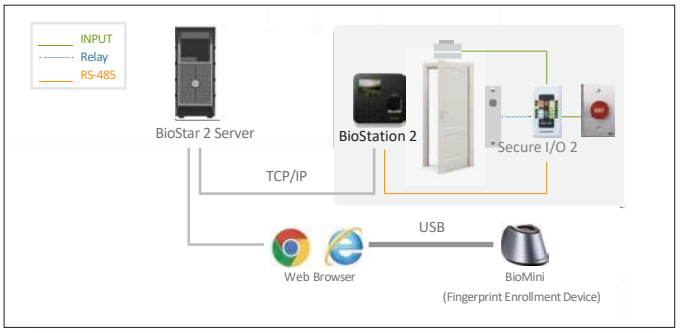
RF Card Option
- 125KHz EM
- 125KHz HID Prox
- 13.56MHz MiFare/DESFire/DesFire EV1/Felica/NFC
- 13.56MHz iClass SE

System Configuration

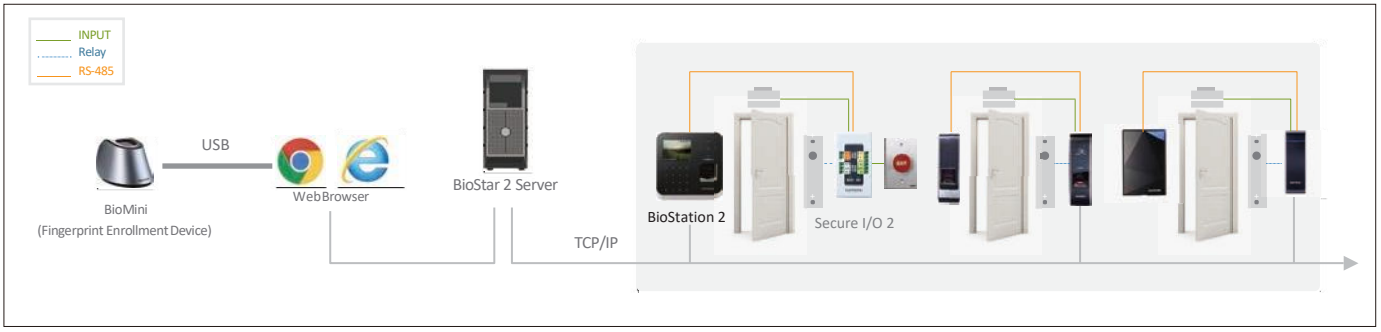
Standalone



Standalone-Secure



Distributed Access Control Systems



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