

# 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 require 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 environments and outdoor installation



### Versatile Interface

Built-in Wi-Fi and Power-over-Ethernet functionality for a wide range of installation options

## Specifications

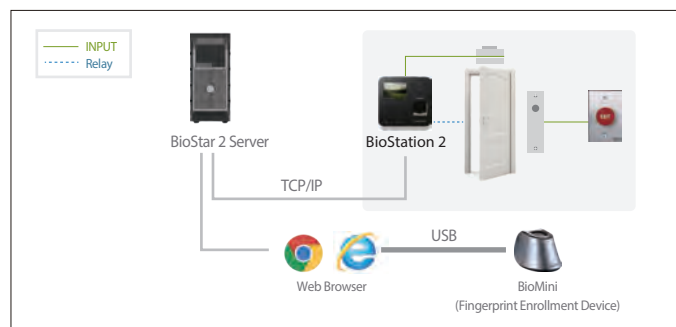
CPU	1.0GHz
Memory	128MB RAM + 8GB Flash
Fingerprint Sensor	Optical
Template Capacity	1,000,000 (1:1) , 40,000 (1:N)
Max User	500,000 (1:1) , 20,000 (1:N)
Log Capacity	3,000,000
Ingress Protection	IP65
PoE	Yes
Interfaces	TCP/IP, Wiegand, RS485, RS232, TTL I/O, Wi-Fi, Relay
Tamper	Yes
Sound	16-bit Hi-Fi
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

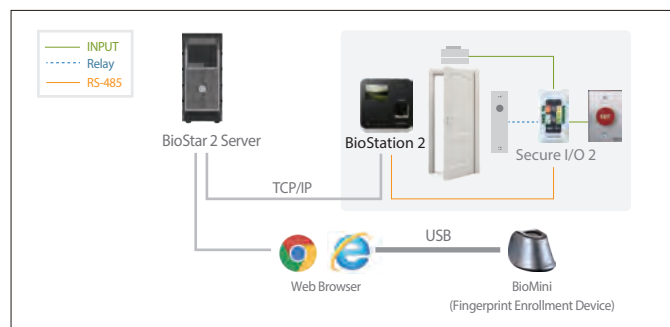
- 125KHz EM
- 125KHz HID Prox
- 13.56MHz MiFare/DESFire/DesFire EV1/Felica/NFC
- 13.56MHz iClass SE

## System Configuration

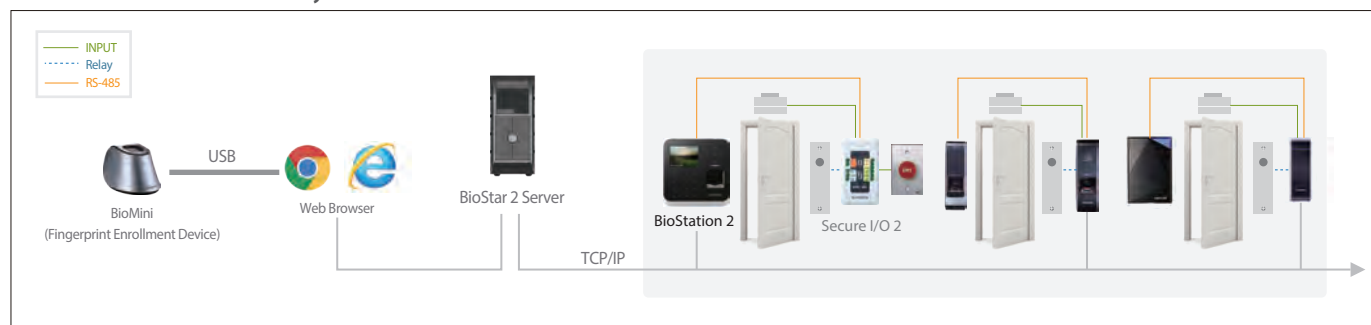
### • Standalone



### • Standalone-Secure



### • Distributed Access Control Systems



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