

bioconnect.

BioStation 2

Fingerprint IP Access Terminal



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
- 3,000,000 event logs



IP65 Certified Dust & Water Protection

- Ideal for harsh environment and outdoor installation



Versatile Interface

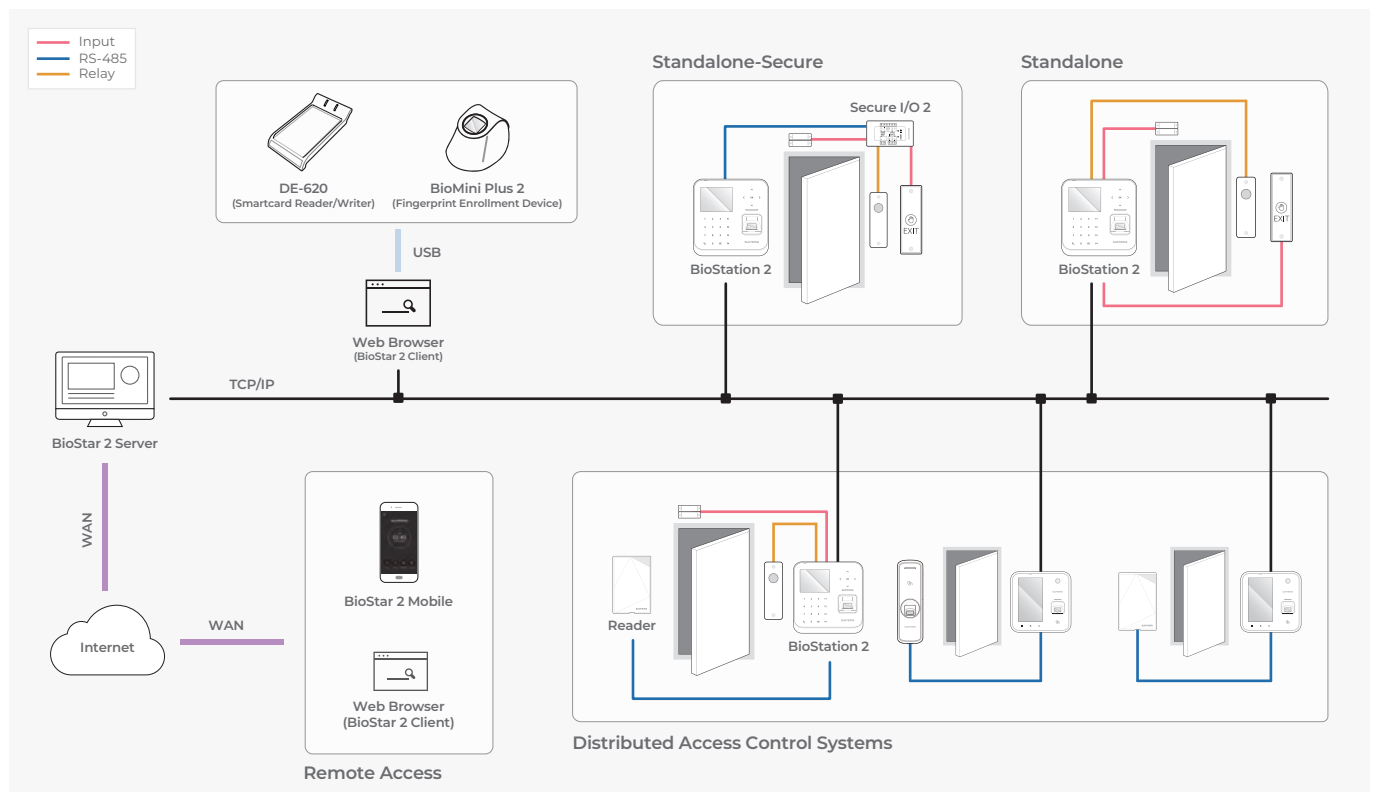
- Built-in WiFi and Power-over-Ethernet functionality for wide range of installation options

Specifications

Biometric	Fingerprint								
Sensor Type	Optical Sensor (OP5)								
Template	SUPREMA / ISO 19794-2 / ANSI 378								
Extractor / Matcher	MINEX certified and compliant								
LFD	Not Supported								
RF Option	<table><tr><th>BS2-OEPW</th><th>BS2-OHPW</th><th>BS2-OIPW</th><th>BS2-OMPW</th></tr><tr><td>125 KHz EM</td><td>125 KHz HID Prox</td><td>13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/5R, NFC, ISO14443A/B, ISO15693</td><td>13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, NFC, ISO14443A, ISO15693</td></tr></table>	BS2-OEPW	BS2-OHPW	BS2-OIPW	BS2-OMPW	125 KHz EM	125 KHz HID Prox	13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/5R, NFC, ISO14443A/B, ISO15693	13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, NFC, ISO14443A, ISO15693
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CPU	1.0 GHz Single Core								
Memory	8GB Flash + 256MB RAM								
Max. User	500,000 (1:1), 20,000(1:N)								
Max. Template	1,000,000(1:1), 40,000(1:N)								
Max. Logs	3,000,000(text)								
LED	Multi-Color								
Sound	16-bit Hi-Fi								
Ethernet	Supported (10/100 Mbps, auto MDIX)								
RS-485	1ch Host or Slave (Selectable), OSDP V2.1.6								
Wiegand	1ch Input, 1ch Output								
TTL	2ch Inputs, 2ch Outputs								
Relay	1 Relay								
PoE	Supported (IEEE 802.3af compliant)								
Tamper	Supported								
Power	Voltage: DC 12V Current: Max. 1A								
Operating Temperature	-20°C ~ 50°C								
Operating Humidity	0% ~ 80%, non-condensing								
Dimensions (WxHxD, mm)	142 x 145 x 45 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 2.

System Configurations



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