Incorporating Suprema’s industry-leading fingerprint recognition algorithm, BioStation offers a perfect solution for Time & Attendance and Access Control. With a colour LCD and high quality sound, BioStation provides a different level of user interaction using multimedia information. Versatile interface options including wireless LAN and USB memory slot enable easy network integration and data transfer without any wiring.
**BioStation**

Innovative Fingerprint Terminal

### Features

- **2.5” 16M Colour LCD**
  - Display messages, video, animation and photos to convey various information and notices

- **Wi-Fi Wireless LAN (Optional)**
  - Easy network integration and data transfer from PC using wireless network without cabling

- **Industry leading fingerprint identification speed and capacity**
  - Identify 3,000 fingerprints in 1 second and store a maximum of 400,000 fingerprints and 1,000,000 events in internal memory

- **Multiple cards options: Mifare, Proximity (EM, HID)**
  - Offer a wide selection in authentication mode and easy security system upgrade from EM, HID Prox or Mifare card reader

- **USB memory slot**
  - Easy data transfer to PC or other BioStations using a USB memory device

- **High quality sound**
  - 16 bit Hi-Fi sound for background music, sound effect and voice instruction

### Specifications

- **CPU**: Dual CPU (200MHz RISC + 400MHz DSP)
- **Memory**: 1GB flash + 34MB RAM
- **Display**: 2.5” QVGA 16M Colour LCD
- **Fingerprint identification speed**: 3,000 matches in 1 second
- **User capacity**: 200,000 (1:1); 10,000 (1:N)
- **Log capacity**: 1,000,000 events
- **Card options**: Mifare (13.56MHz), Proximity (125 KHz EM, HID Prox)
- **Network interface**: Wireless LAN (optional), TCP/IP, RS485
- **PC interface**: USB, RS232
- **USB memory slot**: USB Host
- **Output relay**: Deadbolt, EM lock, door strike, automatic door
- **Microphone and speaker for door phone**
- **Navigation keys for menu movement**
- **4 Function keys for user-defined functions**
- **Operation modes**: Fingerprint, PIN, PIN + Fingerprint, Card, Card + Fingerprint, Card + PIN (RF model)
- **Size**: 135 x 128 x 50mm (W x H x D)

### Secure I/O

- **Accessory unit for secure door control and I/O expansion**
- **Encrypted communication with BioEntry Plus for enhanced security**
- **16MHz 8bit microprocessor**
- **4 digital inputs and 2 relay outputs**
- **Size**: 143 x 82 x 35 mm (W x H x D)

### Model Information

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<tr>
<th>Model</th>
<th>Fingerprints Sensor</th>
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<td>BioStation RF (EM)</td>
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<td>BSRW-OC</td>
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<td>BioStation Mifare</td>
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