Innovative Fingerprint Terminal

Incorporating Suprema’s industry-leading fingerprint recognition algorithm, BioStation offers a perfect solution for time attendance and access control. With a color 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

- 16M Color LCD
- Wi-Fi Wireless LAN
- Industry leading fingerprint identification speed and capacity
- Identify 3,000 fingerprints in 1 second and store maximum 400,000 templates and 1,000,000 events in internal memory
- Multiple RFID cards: Mifare, Proximity (EM, HID)
- USB memory slot
- High quality sound

Specifications

- CPU: Dual CPU (32bit RISC + 400MHz DSP)
- Memory: 1GB flash + 34MB RAM
- Display: 2.5” QVGA 16M Color LCD
- Fingerprint identification speed: 3,000 match in 1 second (max 20,000 templates)
- Fingerprint capacity: 400,000 templates (200,000 users)
- Log capacity: 1,000,000 events
- RF Card: 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
- Wiegand I/O, 4 TTL I/O
- Microphone and speaker for door phone
- Navigation key 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

- 16MHz 8bit microprocessor
- 4 digital inputs and 2 relay outputs
- Size: 143 x 82 x 35 mm (W x H x D)
Innovative Fingerprint Terminal

**Features**

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

- **Wi-Fi Wireless LAN**
  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 maximum 400,000 templates and 1,000,000 events in internal memory

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

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**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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<thead>
<tr>
<th>Model</th>
<th>Fingerprint Sensor</th>
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<td>OC(optical)</td>
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<tr>
<td>BioStation</td>
<td>BST-OC</td>
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<tr>
<td>BioStation Wireless</td>
<td>BSTW-OC</td>
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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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<td>BioStation HID(Prox)</td>
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