

suprema

BioStation

Innovative Fingerprint Terminal



BioStation | 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.



suprema 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
- Wiegand I/O, 4 TTL I/O
- 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

Model	Fingerprint Sensor		
	OC (optical)	TC (capacitive)	FC (thermal)
BioStation	 BST-OC	 BST-TC	 BST-FC
BioStation Wireless	BSTW-OC	BSTW-TC	NA
BioStation RF (EM)	BSR-OC	BSR-TC	NA
BioStation RF Wireless	BSRW-OC	BSRW-TC	NA
BioStation Mifare	BSM-OC	BSM-TC	NA
BioStation HID (Prox)	BSH-OC	BSH-TC	NA

neaMetrics (Pty) Ltd

Block C, 1st floor, Hurlingham Office Park, Woodlands Avenue, Hurlingham Manor, 2196

Tel: 0860 Suprema (0860 787 7362) International Tel: +27 11 781 9964
enquiry@suprema.co.za | www.suprema.co.za



The Approved Suprema Distributor - Africa