

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 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.



Suprema BioStation

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



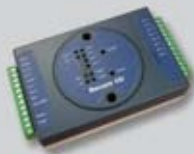
High quality sound

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

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)



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)

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

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