

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.



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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 50,000 fingerprints and 500,000 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



Specifications

- * CPU : Dual CPU (32bit RISC + 400MHz DSP)
- * Memory : 72MB flash + 34MB RAM
- * Display : 2.5" QVGA 16M Color LCD
- * Fingerprint identification speed : 3,000 match in 1 second (max 9,720 templates)
- * Fingerprint capacity : 50,000 templates (25,000 fingerprints)
- * Log capacity : 500,000 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

- 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

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