



biostation

Innovative Fingerprint Terminal



FVC2004 & FVC2006 No. 1 Fingerprint Recognition Algorithm

| B I O S T A T I O N | 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

Innovative Fingerprint Terminal



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.



Applications

- Time attendance and access control for offices
- Integrated payroll and HR management of employees
- Networked security for IBS buildings, financial and research institutes
- Data collection for customer reward management

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

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 9,700 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)