*bio*station

Innovative Fingerprint Terminal

FVC2004 & FVC2006 No.1 Fingerprint Recognition Algorithm

SUPREMA

| 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.

SUPREMA

*bio*station

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)

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