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BioStation
Innovative Fingerprint Terminal

| **BioStation** | Incorporating 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 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
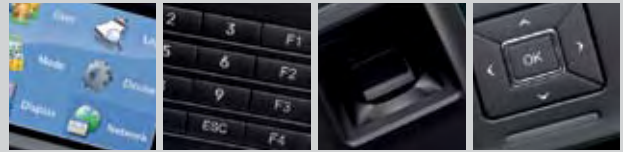
USB memory slot
Easy data transfer to PC or other BioStations using a USB memory device

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