The new BioStation T2 blends loads of innovative features with Suprema’s sophisticated fingerprint recognition technology. Its powerful dual-CPU engine ensures seamless operation and internal camera captures face image logs (snap shots) for extra level of security. Sealed in a flat-panel front glass and refined dimensions, it provides intuitive and aesthetic GUI on easy-to-use touchscreen LCD. In addition to its extensive communication interfaces, BioStation T2 also supports embedded web server which provides convenience system management over its IP-based access control system.
**Features**

- **Intuitive Touchscreen GUI**
  - 5" touchscreen LCD with easy-to-use GUI
- **Face Detection Technology**
  - Camera for face image capture
- **Embedded Web Server**
  - Preloaded with BioStar Lite embedded web server
- **Ultra Performance**
  - 1,300 matches in one second, 200k users/1 million logs
- **Versatile Interfaces**
  - PoE, WiFi, TCP/IP, RS485/232, Wiegand, relay
- **Video Phone**
  - IP based video and audio interface or analog video phone
- **RF Card Options**
  - EM, Mifare/DesFire

**Secure I/O**

- External Relay unit for secure door control and I/O expansion
- Encrypted communication for enhanced security
- 16MHz 8 bit microprocessor
- 4 digital inputs and 2 relay output
- Dimension: 143 x 82 x 35 mm (W x H x D)

**Specifications**

- **CPU**: 667MHz RISC, 533MHz DSP
- **Memory**: 1GB flash, 256MB RAM
- **LCD**: 5.0 inch WVGA touchscreen
- **Fingerprint Sensor**: Optical
- **Camera**: Face detection & videophone
- **RF Card Options**: 25KHz EM, 13.56MHz Mifare
- **Template Capacity**: 400,000 (1:1), 20,000 (1:N)
- **Max User**: 200,000
- **Log Capacity**: Fingerprint: 1,000,000 / Image: 5,000
- **PoE**: Yes
- **Interfaces**: Wireless LAN(optional), TCP/IP, Wiegand, 2ch RS485, RS232, 4 x TTL I/O, 2 x Relay
- **USB (Host & Slave)**, SD card slot
- **Tamper**: Switch
- **Sound**: 16 bit Hi-Fi voice & sound indication
- **Operating Temp.**: -20°C ~ 50°C
- **Operating Voltage**: 12vDC
- **Dimensions (mm)**: 155(W) x 155(H) x 40(D)

**System Configuration**

**Standalone**

- Door Lock
- Exit Button
- BioStation T2
- TCP/IP
- PC
- Desktop Reader

**Secure**

- Door Lock
- Exit Button
- BioStation T2
- RS445
- TCP/IP
- PC
- Desktop Reader

**Network**

**Door Zone 1(Anti passback)**

- RS445
- BioStation T2
- BioStation T2
- Secure I/O
- TCP/IP

**Door Zone 2(Anti passback)**

- RS445
- BioStation T2
- BioStation T2
- Secure I/O
- TCP/IP

**Suprema Inc.**

16F Parkview Tower, Jeongja, Bundang, Seongnam, Gyeonggi, 463-863 Korea
Tel: +82-31-783-4502, Fax: +82-31-783-4503
E-mail: sales@supremainc.com, Homepage: www.supremainc.com

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