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BioStation T2

Fingerprint IP Access Terminal with Face Detection

| **BioStation T2** | 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.

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BioStation T2
Fingerprint IP Access Terminal with Face Detection

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
1:3,000 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 outputs
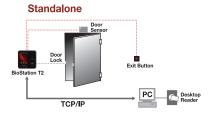 * Dimension :
     143 x 82 x 35 mm (W x H x D)
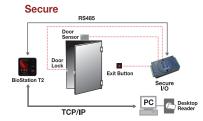
Intuitive Touchscreen GUI of BioStation T2
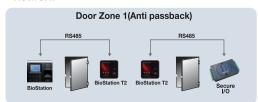
Specifications

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

Secure

RS485
Door Sensor
Door Lock
BioStation T2
Exit Button
Secure I/O
TCP/IP
PC
Desktop Reader

Network

Door Zone 1(Anti passback)
RS485   RS485
BioStation
BioStation T2   BioStation T2
Secure I/O

TCP/IP
PC Server
Desktop Reader
PC Client
PC Client

Door Zone 2(Anti passback)
Secure I/O
BioStation T2
BioEntry Plus
Exit Button
RS485

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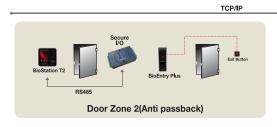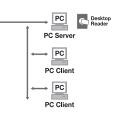
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