

# BioStation T2 | High Performance Fingerprint IP Terminal

## Smarter Technology, Ultra Performance

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.



10,000 matches in 1 second (1:N)  
 User Capacity : 200,000  
 Log Capacity : 1,000,000(event), 5,000(image)  
 Dual-finger technology  
 Fusion face recognition  
 5.0" touch screen LCD  
 1.3M pixel camera  
 Power over Ethernet  
 Video phone  
 WiFi LAN, TCP/IP, RS485(2ch), RS232, Wiegand



## Powerful Dual-CPU Architecture

Its powerful dual-CPU architecture gives BioStation T2 the ability to deliver extremely fast matching speeds and near live responses while still providing an exceptionally low error rate. A powerful 533MHz DSP is dedicated to handling fingerprint operations and a 667MHz RISC processor ensures uninterrupted device operations.

## 5.0" Touchscreen LCD & Intuitive GUI

The ultra wide 5.0" WVGA touchscreen LCD provides BioStation T2 with a robust heavy-duty user interface designed not only for extreme usage, but also for the precision and accuracy required in biometric access control and high-traffic time and attendance systems. The user friendly and intuitive GUI provides users with a quick and easy access to all the features and functions available within the unit.



## Face Detection Technology

BioStation T2 contains a special "Face Detection Technology" for an added sense of security. It uses its megapixel camera to first detect if a face is present and then stores the image as a facial log for verification. Proximity sensors and IR LED are used to ensure the image quality of the faces.

## Distributed IP Access Control System

BioStation T2 provides both reader and controller functionalities in one device. One device can scan ID data, manage users and control access from the edge of a system. This will not only allow for a simple localized setup, but it will also improve system stability by eliminating a single point of failure that can affect the entire system. As BioStation T2 also has networking capabilities, it can become part of a larger network via one of its various interfaces.

## Embedded Web Server

BioStation T2 is preloaded with the BioStar Lite web server program. BioStar Lite is a simple & convenient tool used to configure, monitor and control up to 10 Suprema IP access control products, all without the need to install any software on a PC. It is the perfect tool for small to medium sized applications.

## Video Phone Interface

D-Station's built-in camera, microphone, and speaker provides the device the ability to be integrated with conventional analogue based videophones to create a simple interphone system. BioStar VideoPhone software is to be used for single/multi-operator interphone system.

## Versatile Interfaces - Extra Flexibility (WiFi Option)

BioStation T2 comes with not only the IP interfaces (TCP/IP, WiFi), but also the more traditional interfaces (RS485, RS232, Wiegand, USB) to provide higher flexibility and multiple installation options for different environments. BioStation T2 also comes with 2 internal inputs and 1 internal relay output to control peripheral devices. The I/O ports can also be extended using the Secure I/O accessory device.

## Suprema Algorithm

Suprema's world renowned fingerprint algorithm lies in the heart of every BioStation T2. The highly sophisticated algorithm has been recognized by both FVC and NIST MINEX and was proven to be one of the fastest and most accurate algorithms in the world.

