

# BioStation | Full-featured Fingerprint IP Terminal

## The World's Best Selling Fingerprint Terminal

BioStation is a full-featured high-end fingerprint terminal that combines the advantages of a TCP/IP network with Suprema's renowned biometric technology to provide the optimal solution for both access control and time attendance. BioStation comes with a massive 1GB memory that provides the storage of up to 200,000 users and a staggering 1 million event logs. Its powerful processing engine and algorithms provide uncompromising high-level biometric security with flexibility and ease of use.



- 3,000 matches in 1 second (1:N)
- User capacity : 200,000
- Log capacity : 1,000,000
- Dual CPU : 533DSP + 200MHz RISC
- Fast ID Matching™ technology
- 2.5" QVGA LCD
- WiFi LAN, TCP/IP, RS485, RS232, Wiegand
- USB device & host interfaces
- EM, HID Prox., Mifare options

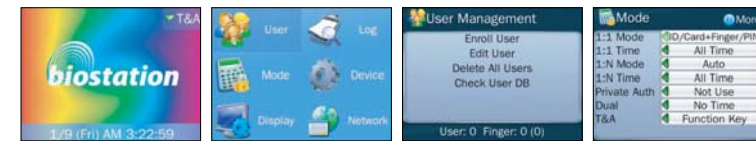


## Enhanced Dual-CPU Architecture

BioStation is the first of the Suprema's product lines to use a dual-CPU architecture. Its dual-CPU gives BioStation the ability to deliver fast matching speeds and rapid responses while providing an exceptionally low error rate. A powerful 533MHz DSP is dedicated to handling fingerprint operations and a 200MHz RISC processor ensures uninterrupted device operations.

## 2.5" Color LCD & Intuitive GUI

The 2.5" QVGA color LCD gives BioStation an user friendly and intuitive GUI that provides users with a quick and easy access to all the features and functions available within the unit.



## Distributed IP Access Control System

BioStation 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 also has networking capabilities, it can become part of a larger network via one of its various interfaces.

## Versatile Interfaces - Extra Flexibility (WiFi Option)

BioStation 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 also comes with 4 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. 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.

