

D-Station | Fusion Biometric IP Access Terminal

Evolution of Biometrics

The Suprema D-Station represents a great leap forward in biometric technology. The perfect blend of face recognition with Dual-finger Technology based on sophisticated 'Fusion Biometrics' algorithm provides incredible accuracy and speed that no other biometric devices have ever achieved. Its powerful Tri-CPU engine ensures seamless operation of loads innovative features, and the ultra-wide touch screen LCD with intuitive GUI makes it extremely easy-to-use for both system administrators and everyday users. D-Station is not just the best of the breed, it's a whole new generation of biometric security.



- 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



Multi-Biometric Fusion Technology

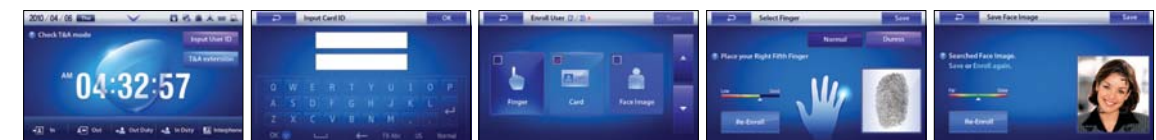
Suprema's patented "Multi-Biometric Fusion Technology" takes the data gathered from multiple biometrics sensors and applies adaptive fusion algorithms to provide a level of performance and scalability that goes well beyond conventional fingerprint identification methods.

Powerful Tri-CPU Parallel Processing Architecture

Its unique Tri-CPU parallel processing architecture makes D-Station one of the most powerful biometric terminals in the market today. Two powerful 533MHz DSPs and a 667MHz RISC ensures uninterrupted device operations and unmatched biometric operational performance.

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 for extreme usage and the precision and accuracy required in biometric access control and high-traffic time and attendance systems. Its intuitive and user friendly GUI provides a quick and easy access to all features and functions.



Distributed IP Access Control System

D-Station 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 allow for a simple localized setup and improve system stability by eliminating a single point of failure that can affect the entire system.

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 or IP based videophones to create a simple interphone system. BioStar VideoPhone software is to support single/multi-operator interphone system.

Versatile Interfaces - Extra Flexibility (WiFi Option)

D-Station comes with IP interfaces (TCP/IP, WiFi, PoE) and conventional interfaces (RS485, RS232, Wiegand, USB) to provide higher flexibility and multiple installation options for different environments. D-Station also comes with 4 internal inputs and 2 internal relay output to control peripheral devices.

Unique Features and Extra Functions

- Accelerometer : Used to detect shock caused by tampering or vandalism.
- ISO14443 Type A & Type B Support: Provides greater versatility
- SAM(SIM) Card Support: Used for enhanced security applications.
- SD Memory Card Slot: Used to extend the memory capacity of the device.
- RS232 Interface : Used for GPRS/GSM based mobile connections and serial printers

