

# FaceStation | Smart Face Recognition Terminal

## Next Generation Face Recognition Technology

The new FaceStation is a dedicated face recognition terminal. It is a perfect combination of beauty and performance. Using Suprema's proprietary algorithms combined with state-of-the-art hardware, FaceStation provides near real-time template matching results. FaceStation comes with a wide array of features & functions, which can be accessed through an intuitive user friendly GUI. It can be used in both standalone or network environments and is the ultimate in facial recognition technology.



Max Users : 10,000  
 Log Capacity : 1,000,000  
 Image Log Capacity : 10,000  
 CPU : 1.1GHz DSP, 667MHz RISC  
 LCD : 4.3" WVGA Touchscreen  
 Memory : 4GB Flash + 512MB RAM  
 RF Options : 13.56MHz Mifare  
 Interfaces : TCP/IP, RS485(2ch), RS232, USB, Wiegand, WiFi  
 Power : 12VDC, PoE (Power over Ethernet)



## World's Fastest Matching Speed

Facestation provides high performance face recognition by combining Suprema's proprietary algorithm with its powerful dual-CPU matching engine. It delivers extremely fast matching speed up to 1:1,000 matches per second with exceptionally low error rate.

## Adaptive IR Illumination Technology

Incorporating NIR(near-infrared) light control and advanced image analysis, FaceStation's patented 'Adaptive IR Illumination' technology prevents unexpected image distortion such as saturation.

## Live Face Detection Technology

FaceStation's 'Live Face Detection' technology prevents possible fraud attempts by imitated face images. The technology is based on advanced analysis algorithm to distinguish unique characteristics in texture from human faces to various forms of counterfeit face images.

## 4.3" Touchscreen LCD & Intuitive GUI

The ultra wide 4.3" WVGA touchscreen LCD provides the FaceStation 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.



## Distributed IP Access Control System

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

## Video Phone Interface

FaceStation'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. The BioStar VideoPhone software can be used with the device to create a very useful single/multi-operator interphone system.

## Versatile Interfaces - Extra Flexibility

FaceStation 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. FaceStation also comes with 4 internal inputs and 2 internal relay output to control peripheral devices. The I/O ports can also be extended using the Secure I/O accessory device.

## PoE (Power over Ethernet)

FaceStation is equipped with a PoE module allowing the device to be powered and controlled through just one Ethernet cable. PoE system allows for a very quick and easy installation.

