# FaceStation 2

## Smart Face Recognition Terminal



Suprema FaceStation 2 is the most advanced face recognition terminal providing loads of the world's best features. Powered by Suprema's latest innovation in facial biometrics, FaceStation 2 offers unrivalled matching speed, accuracy and level of security. With Suprema's patented optic engineering, FaceStation 2 achieves up to 25,000 lx of operating illuminance which in turn, brings all-round confidence regardless of lighting conditions. Packed in an ergonomically-designed structure, FaceStation 2 provides exceptional performance and usability for diverse access control and time attendance sites, large or small.

## Features

**Ultra Performance**
- Matching Speed: 1:4,000 match/sec
  *Group Matching: 1:5,000 match/sec
- User Capacity: Max 30,000 users (1:1), 4,000 users (1:N)

**Highest Operating Illuminance**
- 25,000 lx
- Operating illuminance from 0 lx to 25,000 lx
- Highest operating illuminance available
- Covers complete darkness to all indoor lighting conditions

**Enhanced Security**
- Live face detection: IR-based image analysis to prevent spoofing by printed images and LCDs
- Enhanced security by Android 5.0 Lollipop
- High quality Image log

**Multi RFID Card Reading**
- LF(125kHz), HF(13.56MHz) dual-band
- Reads all card types that HID multiCLASS supports (EM/HID Prox/MIFARE/iCLASS/DESFire/FeliCa/NFC)
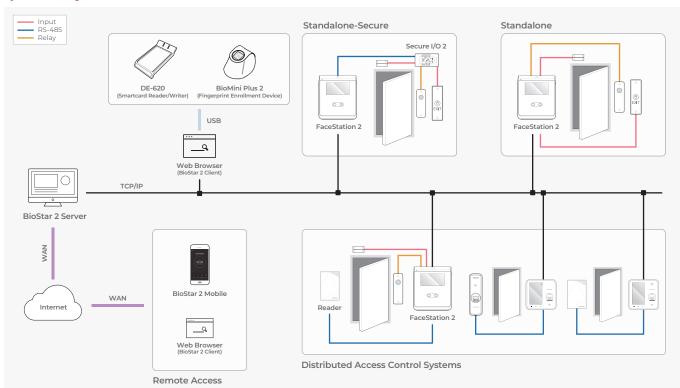
**Ergonomics & User Convenience**
- Extended height range: 145cm – 210cm
- Tilt-type bracket for wheelchaired persons & children
- Android 5.0 Lollipop based intuitive GUI
- Improved face enrolment procedure

## Specifications

| Category | Features | FS2-D | FS2-AWB |
|---|---|---|---|
| Credential | Biometric | Face | |
| | RF Options | 125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, NFC | 125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/SR/Seos, NFC & 2.4GHz BLE |
| | RF Read Range* | MIFARE/DESFire/iCLASS : 50 mm EM/HID Prox/FeliCa: 30 mm, BLE: 50 mm | |
| General | CPU | 1.4 GHz Quad Core | |
| | Memory | 8GB Flash + 1GB RAM | |
| | LCD type | 4" color TFT LCD | |
| | LCD resolution | 800 x 480 pixels | |
| | IR LED | 140 ea | |
| | Sound | 24 bit Voice DSP (echo cancellation) | |
| | Operating temperature | -20°C ~ 50°C | |
| | Operating humidity | 0% ~ 80%, non-condensing | |
| | Dimensions (W x H x D) | 141 x 164 x 125 | |
| | Weight | Device: 548g, Bracket: 74g (incl. washer and bolt) | |
| | Certificates | CE, FCC, KC, RoHS, REACH, WEEE, BT SIG | |
| | Power | DC 24V 2.5 A | |
| Face | Image dimension | 720 x 480 pixels | |
| | Live Face Detection | Supported | |
| Capacity | Max. User | 30,000 (1:1), 4,000(1:N) | |
| | Max. Log | 5,000,000 (text), 50,000 (image) | |
| Interfaces | Wi-Fi | IEEE 802.11 b/g (FS2-AWB only) | |
| | Ethernet | Supported (10/100/1000 Mbps, auto MDI/MDI-X) | |
| | RS-485 | 1ch Host or Slave (Selectable) | |
| | Wiegand | 1ch In and 1ch Out | |
| | TTL input | 2 Inputs | |
| | Relay | 1 Relay | |
| | USB | USB 2.0 (Host) | |
| | Tamper | Supported | |
| | Video Phone | SIP-based VoIP (Video + Voice) | |

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with FaceStation 2.

* RF read range will vary depending on the installation environment.

## System Configurations



Legend: Input / RS-485 / Relay

DE-620 (Smartcard Reader/Writer)
BioMini Plus 2 (Fingerprint Enrollment Device)
USB
Web Browser (BioStar 2 Client)
TCP/IP
BioStar 2 Server
WAN
Internet
WAN
BioStar 2 Mobile
Web Browser (BioStar 2 Client)
Remote Access

**Standalone-Secure**
Secure I/O 2
FaceStation 2

**Standalone**
FaceStation 2

Reader
FaceStation 2
**Distributed Access Control Systems**

## Suprema Inc.