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**SCREEN  
CHECK**

# 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.

**suprema**  
SECURITY & BIOMETRICS

# FaceStation 2

## Smart Face Recognition Terminal

### 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

- 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 wheelchair 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<br>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                                  |                                                                                                                   |
| Face       | Power                  | DC 24V 2.5 A                                                            |                                                                                                                   |
|            | 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

