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, -

dence 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.

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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)
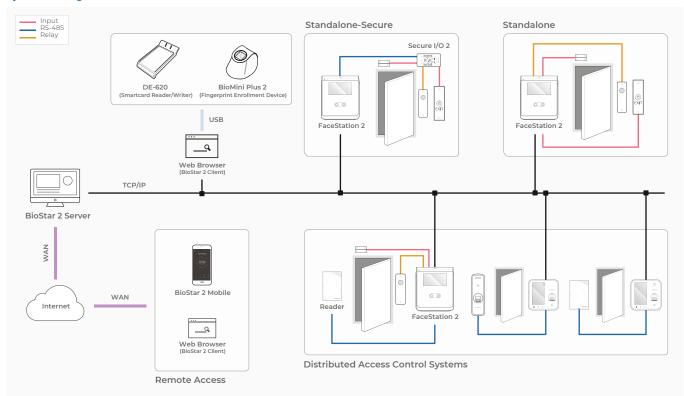

Ergonomics & User Convenience
- Extended height range: 145cm – 210cm
- Tilt-type bracket for wheelchaired persons & children
- Android 5.0 Lollipop based intuitive GUI
- Improved face enrolment procedure

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	
	Image dimension	720 x 480 pixels	
Face	Live Face Detection	Supported	
Capacity	Max. User	30,000 (1:1), 4,000(1:N)	
	Max. Log	5,000,000 (text), 50,000 (image)	
	Wi-Fi	IEEE 802.11 b/g (FS2-AWB only)	
Interfaces	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

- Input
- RS-485
- Relay

DE-620
(Smartcard Reader/Writer)

BioMini Plus 2
(Fingerprint Enrollment Device)

USB

Web Browser
(BioStar 2 Client)

Standalone-Secure

Secure I/O 2

FaceStation 2

Standalone

FaceStation 2

TCP/IP

BioStar 2 Server

WAN

BioStar 2 Mobile

Web Browser
(BioStar 2 Client)

WAN

Internet

Remote Access

Reader

FaceStation 2

Distributed Access Control Systems

iOS