

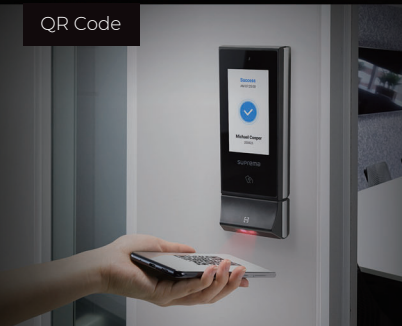
# X-Station 2

Versatile Intelligent Terminal

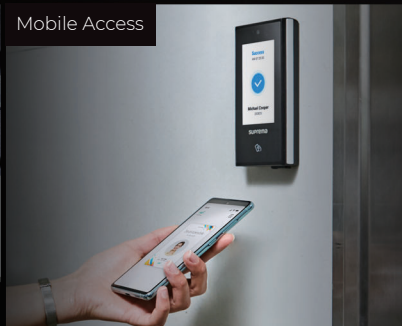


Suprema X-Station 2 is a versatile intelligent terminal that supports various credentials, such as QR codes, Mobile Access, RFID cards and fingerprints, offering the ultimate flexibility in terms of credential options and system design.

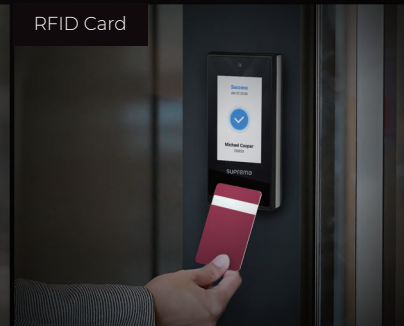
QR Code



Mobile Access



RFID Card



Fingerprint




**suprema**  
SECURITY & BIOMETRICS

# X-Station 2

## Versatile Intelligent Terminal

### Benefits at a glance

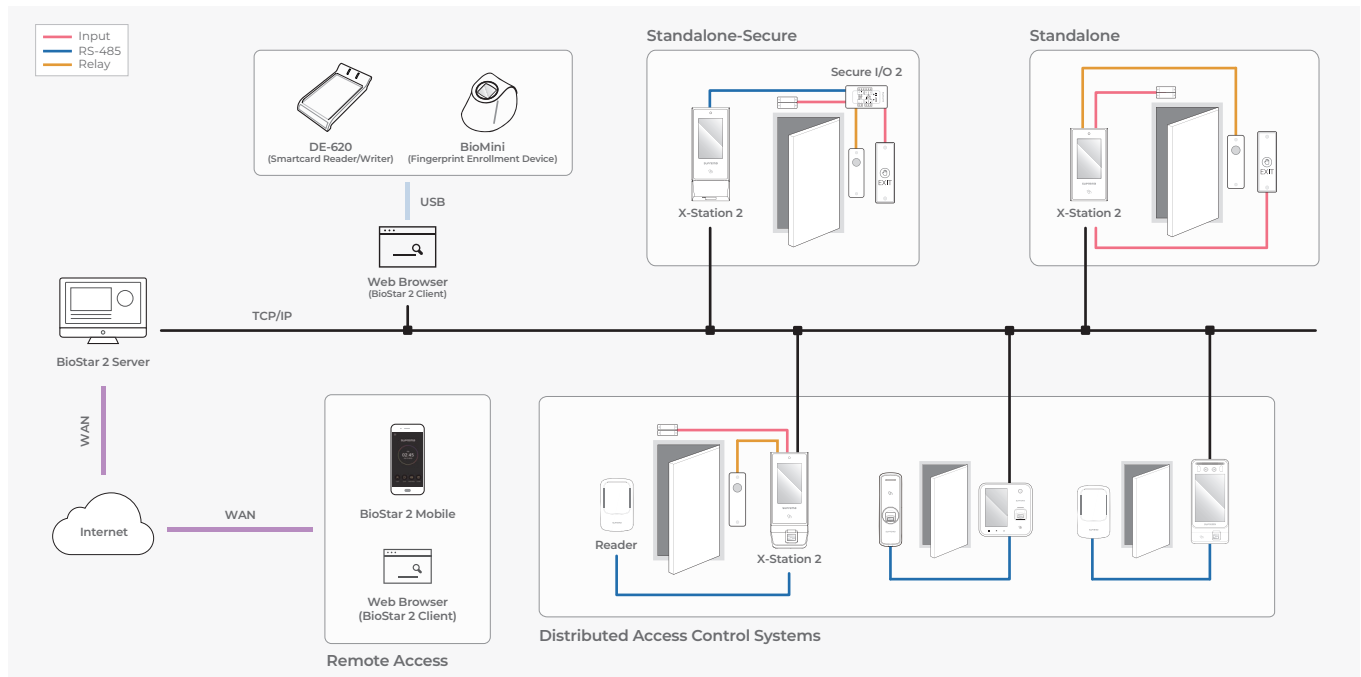
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**Multi-technology Terminal with Various Credential Options**
  - Multiple credential options of QR codes, Mobile Access, RFID cards and fingerprints can provide maximum system design flexibility
  - Go mobile, card-less and carefree by using smartphones as credentials
- 
**Leading-edge Fingerprint Recognition**
  - MINEX-Certified Algorithm
  - Fake/Live Finger Detection (SW-based. XS2-ODPB, OAPB only)
  - Max. Credential: 100,000 (1:N)
- 
**Comprehensive RFID Card Compatibility**
  - LF (125 kHz), HF (13.56 MHz) dual-band
  - Reads various card types (EM/MIFARE/iCLASS/DESFire/FeliCa)
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**Enhanced Security and Data Protection**
  - Protects data with secure boot process
  - Built-in camera captures image logs for added security
  - Open Supervised Device Protocol (OSDP) for secure bidirectional communication between the terminal and controller
- 
**Designed for easy deployment and management**
  - Power over Ethernet (PoE) enables convenient installation with less wiring
  - Dust-tight and waterproof IP65 protection
- 
**Improved Usability of Intuitive UI on Touchscreen**
  - Quick and easy access to features on 4" wide capacitive touchscreen
  - Customizable display on intuitive GUI
- 
**Expanded Capacity for more users and security logs**
  - Max. 500k users, 5 million text logs, 50k image logs
  - Large memory: 16 GB Flash + 1 GB RAM

### Specifications

Model Name	XS2-DPB	XS2-QDPB	XS2-ODPB	XS2-APB	XS2-QAPB	XS2-OAPB
RF Option	125 kHz EM & 13.56 MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 <sup>①</sup> , FeliCa			125 kHz EM, HID Prox & 13.56 MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 <sup>①</sup> , FeliCa, iCLASS SE/SR/Seos		
RF read range <sup>②</sup>	MIFARE, DESFire, iCLASS, HID Prox, EM: 50 mm / FeliCa: 30 mm					
Mobile Card	NFC, BLE					
QR/Barcode <sup>③</sup>	Supported <sup>④</sup>	Supported	Supported <sup>④</sup>	Supported <sup>④</sup>	Supported	Supported <sup>④</sup>
Biometrics	N/A	N/A	Fingerprint	N/A	N/A	Fingerprint
Scrambled Keypad (PIN)	Supported					
CPU	1.5 GHz Quad Core					
Memory	16 GB Flash + 1 GB RAM					
Crypto Chip	Supported					
Max. User	500,000 <sup>⑤</sup>					
Max. Credential (1:N)	N/A	N/A	100,000	N/A	N/A	100,000
Max. Credential (1:1)	Card: 500,000 PIN: 500,000		Fingerprint: 500,000 Card: 500,000 PIN: 500,000	Card: 500,000 PIN: 500,000		Fingerprint: 500,000 Card: 500,000 PIN: 500,000
Max. Logs	Text 5,000,000 / Image 50,000					
LCD	4" IPS color LCD / 480 x 800 pixels					
Camera	CMOS 2M pixels / 1600 x 1200					
Ethernet	10/100 Mbps, auto MDI/MDI-X					
RS-485	1 ch Host or Slave (Selectable)					
Wiegand	1 ch Input or Output (Selectable)					
TTL Input	2 ch Inputs					
Relay	1 Relay					
USB	USB 2.0 (Host)					
PoE	IEEE 802.3af compliant					
IP Rating	IP65					
Tamper	Supported					
Power	Voltage: 12 Vdc, Current: Max. 0.8 / Voltage: 24 Vdc, Current: Max. 0.5 A					
Dimensions (W x H x D, mm)	82 x 159 x 25.9	82 x 203 x 33.9	82 x 208.5 x 53 (Bottom) / 25.9 (Top)	82 x 159 x 25.9	82 x 203 x 33.9	82 x 208.5 x 53 (Bottom) / 25.9 (Top)
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)					
Certificates	CE, UKCA, KC, FCC, IC, RCM, BIS, ANATEL, SIG, TELECOM, RoHS, REACH, WEEE (XS2-DPB, QDPB, APB, QAPB) CE, UKCA, KC, FCC, IC, RCM, BIS, ANATEL, SIG, RoHS, REACH, WEEE (XS2-ODPB, OAPB)					

<sup>①</sup> DESFire EV2/EV3 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with X-Station 2.  
<sup>②</sup> RF read range will vary depending on installation environment. <sup>③</sup> Supports QR/Barcodes composed of up to 32 ASCII code strings.  
<sup>④</sup> Requires a separate license. <sup>⑤</sup> The number of users registered without any credential data.

### System Configurations



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