# BioLite N2

## Outdoor IP Fingerprint Terminal




BioLite N2 is a Suprema’s 2nd generation outdoor fingerprint terminal that provides comprehensive access control and time attendance features based on Suprema's latest biometric technology and security platform. BioLite N2 provides class-leading performance and security by featuring Suprema's latest fingerprint algorithm coupled with world's best fingerprint sensor. Packed in a rugged IP67 housing, BioLite N2 added flexibility in system design with multi-class RFID reading technology.

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SECURITY & BIOMETRICS

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Outdoor IP Fingerprint Terminal

### Best-in-class Performance

- Latest Suprema fingerprint algorithm
- Powerful 1.2 GHz CPU

### Multi RFID Card Reading

- LF(125kHz), HF(13.56MHz) dual band
- Reads all card types including Mobile Card (NFC and BLE)

### Advanced Accuracy & Security

- High-precision OP6 optical sensor

### IP67 Certified Dust & Water Protection

- Ideal for harsh environment and outdoor installation

### Full Time Attendance Features

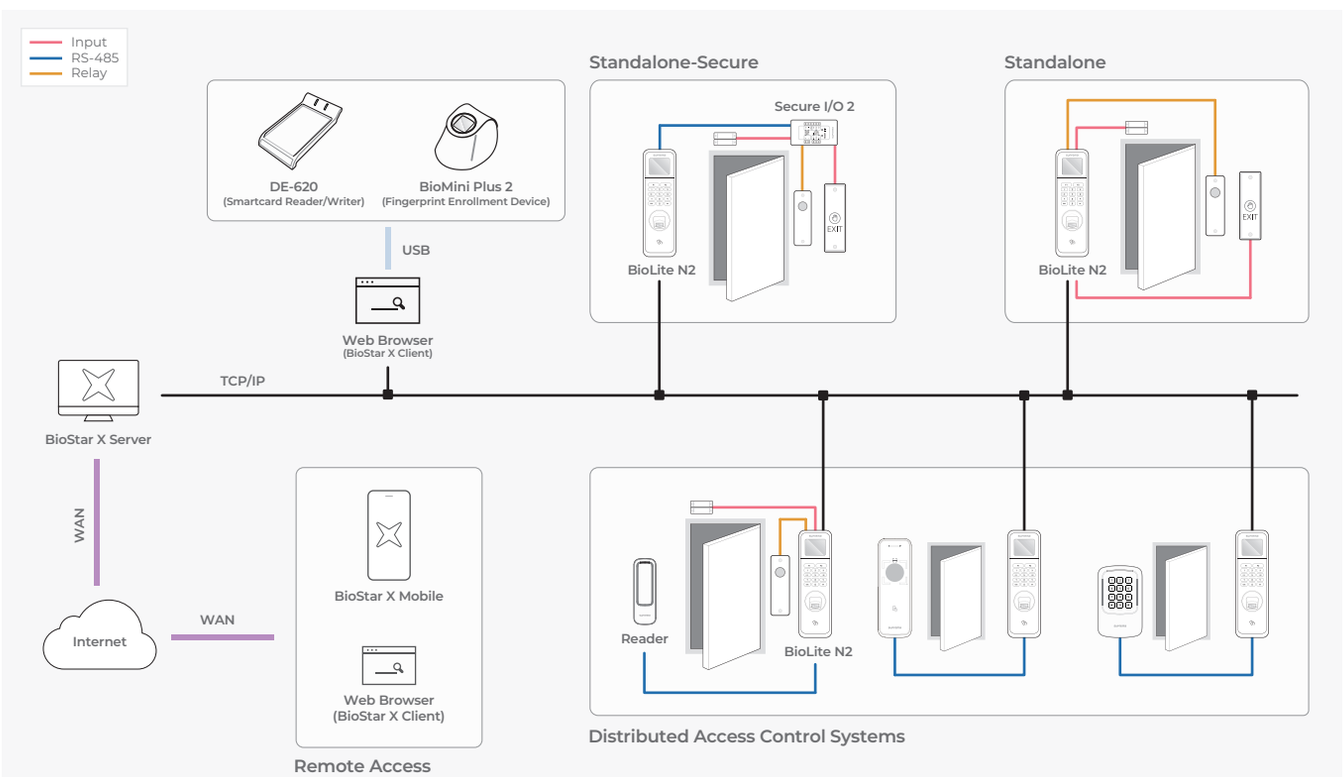
- Color LCD with Keypad for time attendance functionality

### FBI PIV(FAP 10) certified (BLN2-PAB Sensor only)

- OEM SFU-550 (SFU-P2) & fingerprint sensing module OPV single finger livescan capture device without membrane at 500ppi (PIV-071006 and Mobile ID FAP 10)

| Model Name | BLN2-ODB | BLN2-OAB, BLN2-PAB |
|---|---|---|
| RF Option | 125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3, FeliCa | 125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3, FeliCa, iCLASS SE/SR/Seos |
| Biometric | Fingerprint | |
| LFD (Live Fingerprint Detection) | Supported (SW-based) | |
| Sensor Type | Optical Sensor (OP6) | |
| Template | SUPREMA / ISO 19794-2 / ANSI 378 | |
| Extractor / Matcher | MINEX certified and compliant | |
| CPU | 1.2 GHz | |
| Memory | 4GB Flash + 64MB RAM | |
| Max. User | 10,000 | |
| Max. Template | 20,000* | |
| Max. Logs | 1,000,000 | |
| LCD | 1.77" color LCD | |
| Sound | 16-bit Hi-Fi | |
| Ethernet | 10/100 Mbps, auto MDI/MDI-X | |
| RS-485 | 1ch Host or Slave (Selectable) | |
| Wiegand | 1ch Input or Output (Selectable) | |
| TTL Input | 2ch Input | |
| Relay | 1 Relay | |
| Ingress Protection | IP67 | |
| Tamper | Supported | |
| Power | DC 12V 0.4A | |
| Operating Temperature | -20°C ~ 50°C, (BLN2-PAB: -10°C ~ 50°C) | |
| Operating Humidity | 0% ~ 80%, non-condensing | |
| Dimensions (WxHxD, mm) | 58 x 190 x 44 (Bottom) / 34 (Top) | |
| Certificates | CE, FCC, KC, RoHS, REACH, WEEE, FBI PIV(BLN2-PAB Sensor only) | |

*Two templates per finger





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