

# 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.

# BioLite N2

## Outdoor IP Fingerprint Terminal

### Features



#### 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 liveness capture device without membrane at 500ppi (PIV-071006 and Mobile ID FAP 10)

### Specifications

| Model Name            | BLN2-ODB   | BLN2-OAB, BLN2-PAB  |
|-----------------------|--|---|
| RF Option             | 125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, NFC & 2.4GHz BLE | 125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa, iCLASS SE/SR/Seos |
| Biometric             | Fingerprint  |   |
| 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                   | 2ch Input  |   |
| Relay                 | 1 Relay  |   |
| Ingress Protection    | IP67   |   |
| Tamper                | Supported  |   |
| Power                 | DC 12V   |   |
| 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  |   |
| Certificates          | CE, FCC, KC, RoHS, REACH, WEEE, FBI PIV(BLN2-PAB Sensor only)                        |   |

\* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards.  
 CSN and smart card functions are compatible with BioLite N2.  
 \* Two templates per finger

### System Configurations

