

**suprema**

# BioLite Net

IP based Outdoor Fingerprint Terminal



## | BioLite Net |

Suprema introduces BioLite Net, the world's smallest IP-based fingerprint terminal with time attendance and access control capability. With rugged IP65 rated waterproof structure, it offers extra durability and it's perfect for outdoor installation. From simple door control to complex networked environment, BioLite Net supports full functionality of time attendance and access control. All features comes in an elegantly designed, slick and slim device.



# SUPrema BioLite Net

## IP based Outdoor Fingerprint Terminal

### Features

#### Rugged structure for outdoor installation and extra durability

IP65 rated waterproof and weatherproof structure

#### Fast and accurate fingerprint identification

Award winning fingerprint algorithm (No.1 in FVC2004 and FVC2006)

1 : 2,000 fingerprint identification in 1 second

#### Easy installation and connectivity

Network interface by TCP/IP or RS485

Wiegand input/output configurable up to 64 bits

Internal relay for direct lock interface (standalone control mode)

#### Easy operation and management

Built-in keypad and RF card reader for multi-modal user authentication (Fingerprint, PIN, card)

Easy-to-use PC software for access control and time attendance

Template on card to store fingerprint data on a smart card

#### Slim and elegant design

World's smallest fingerprint terminal for time attendance and access control

Slick and Slim design for narrow spaces

Graphic LCD, Multi color LED and multi-tone buzzer for intuitive user interface

#### Full access control features

128 access groups and time schedules

Anti-passback door zones supporting 64 readers

Tamper switch and duress finger option

#### External relay unit

Secure door control and I/O expansion (secure reader mode)

### Specifications

CPU	400MHz DSP
Memory	8MB flash + 16MB RAM
Fingerprint Sensor	500 dpi optical sensor
Identification Speed	2,000 matches in 1 second
Fingerprint Capacity	5,000 fingerprints (10,000 templates)
Log Capacity	50,000 events
RF Card	125KHz EM, 13.56MHz Mifare/DESFire
Authentication	Finger / PIN / Card
Network Interface	TCP/IP RS485
Wiegand	1 channel (input/output switchable)
TTL I/O	2 inputs for exit switch and door sensor
Internal Relay	Deadbolt, EM lock, door strike, automatic door
Ingress Protection Rate	IP65 class
LCD	128 x 64 pixel, black & white
Keypad	3 x 4 keypad, 3 navigation keys
Sound and Interface	Multi-color LED and multi-tone buzzer
Operating Voltage	12VDC
Size	60 x 185 x 40 mm (W x H x D)

### Secure I/O

#### Accessory unit for secure door control and I/O expansion

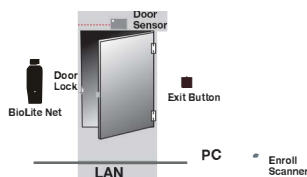
#### Encrypted communication with BioLite Net for enhanced security

- \* 16MHz 8bit microprocessor
- \* 4 digital inputs and 2 relay outputs
- \* Size : 143 x 82 x 35 mm (W x H x D)

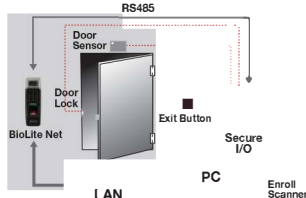


### System Configuration

#### Standalone

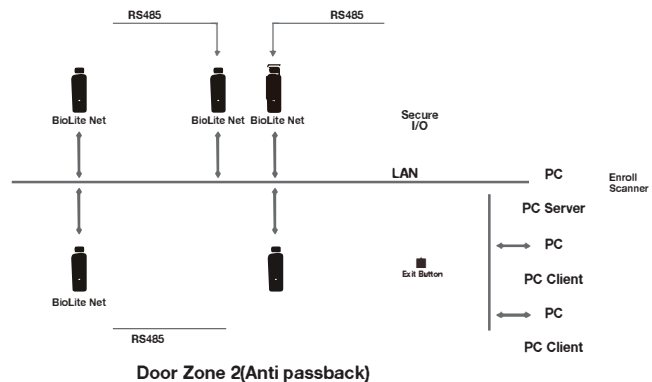


#### Secure



#### Network

#### Door Zone 1(Anti passback)



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