

**suprema**

# BioLite Net

IP based Outdoor Fingerprint Terminal



| **BioLite Net** | BioLite Net is the world's smallest fingerprint IP Access Control terminal with Time & Attendance features. With its rugged IP65 rated waterproof structure, the device offers exceptional durability in extreme conditions. From simpler single door control to complex networked environments, BioLite Net offers high-level biometric security with full Access Control and Time & Attendance functions.



# 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 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 colour LED and multi-tone buzzer for intuitive user interface.

#### Full access control features

128 access groups and 256 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
User Capacity	5,000 (1:N)
Log Capacity	50,000 events
Card options	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-colour LED and multi-tone buzzer
Operating Voltage	12VDC
Size	60 x 185 x 40mm (W x H x D)

### Secure I/O

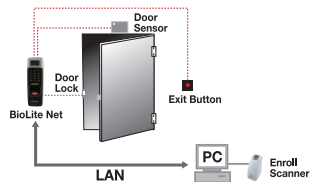
#### Accessory unit for secure door control and I/O expansion Encrypted communication with BioLite Net for enhanced security

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

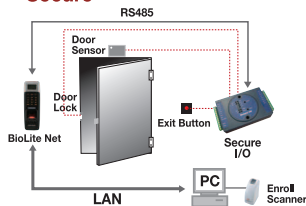


### System Configuration

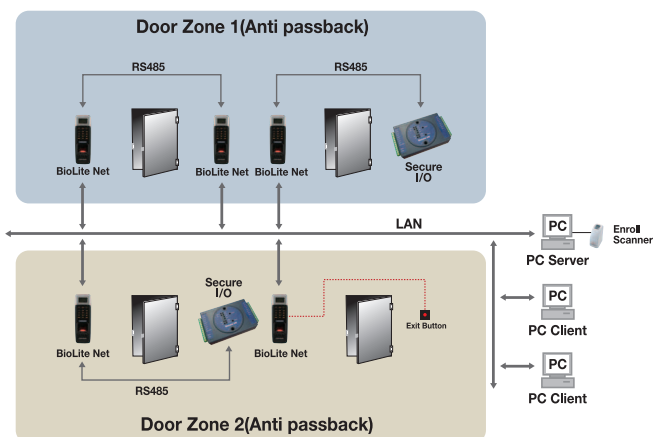
#### Standalone



#### Secure



#### Network



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