

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

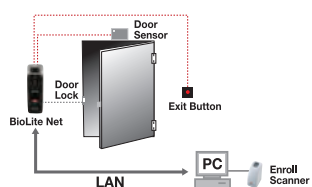
Encrypted communication with BioLite Net for enhanced security

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

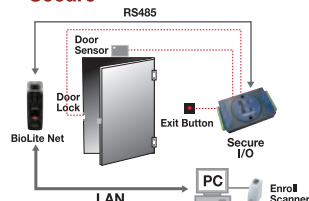


System Configuration

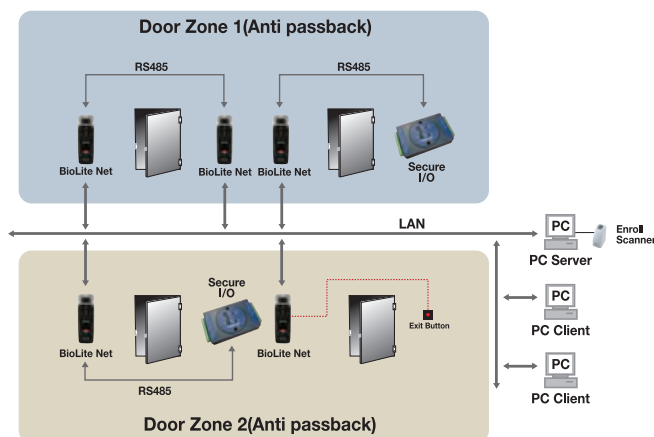
Standalone



Secure



Network



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