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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.

GRAPHIC LCD · SLIM DESIGN · IP65 · NETWORK · RF CARD

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Features

Rugged structure for outdoor installation and extra durability
IP65 rated waterproof and weatherproof structuer

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 mod e)

Easy operation and management
Built-in keypad and RF card reader for multi-modal use r authentication (Fingerprint, PIN ,card)
Easy-to-use Windows Based Software (BioStar)
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 audible alerts for intuitive user interface

Full access control features
128 access groups and time schedules
Anti-passback door zones supporting 64 readesr
Tamper switch and duress fingerprint option

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

Specifications

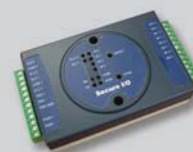|	
CPU	400MHz DSP
Memory	8MB ash + 16MB RAM
Fingerprint Sensor	500 dpi optical sensor
Identification Speed	2,000 matches in 1 second
Fingerprint Capacity	5,000 fingerprints (10,000 templates)
Log Capacity	50,000 events
RF Card	Mifare (13.56 MHz)
Authentication	Finger / PIN /Card
Network Interface	TCP/IP ,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
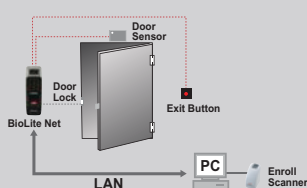* 16MHz 8bit microprocessor
* 4 digital inputs and 2 relay outputs
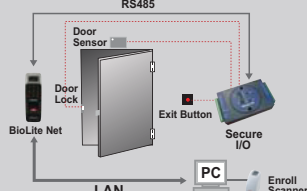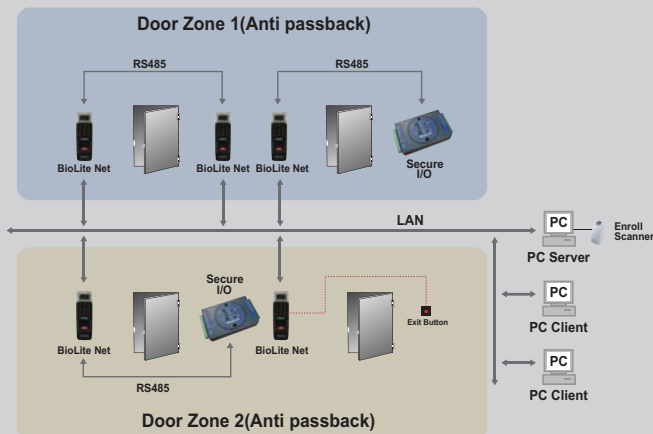* Size : 143 x 82 x 35 mm (W x H x D)

System Configuration

Standalone

Secure

Network

Door Zone 1(Anti passback)

Door Zone 2(Anti passback)

Intelligent Biometric Controls, Inc.
601A Brooklyn Dr, Milford, OH 45150 USA

Tel : 866-400-9292   Fax : 513-239-6328
E-mail : info@fingerprintdoorlocks.com   Homepage : Suprema.FingerprintDoorLocks.com