



Biometric Time management & Access control solutions

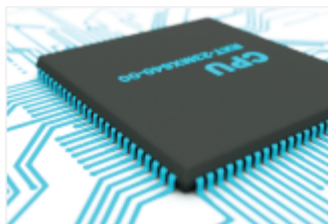
Access Control/Time Attendance BioLite Net



The Suprema BioLite Net is the world's smallest IP-based fingerprint terminal with Time Attendance and Access Control capabilities. Its rugged IP65 rated waterproof structure offers extra durability and makes it perfect for outdoor installations. From simple door control to complex networked environments, BioLite Net supports full Time Attendance and Access Control functionality. All features come in an elegantly designed, slick and slim device.

Features | Specifications | Accessories | Product Type | System Configuration | BioStar SW

Features



Powerful 400MHz DSP

Powered by 400MHz DSP, the BioLite delivers fast matching speed, rapid response and exceptionally low error rate. This powerful processor is capable of handling fast and accurate fingerprint matching process, and ensures uninterrupted device operation.



Intelligence at Doors

With powerful internal CPU and comprehensive communication interfaces, BioLite Net provides both reader and controller functionalities at the door. In addition, it can also control door locks with its built-in door relay or through external relay unit. This concept not only reduces your cost for the entire system by removing costly access control panels, but also improves system stability by eliminating single point of failure that affect whole system.

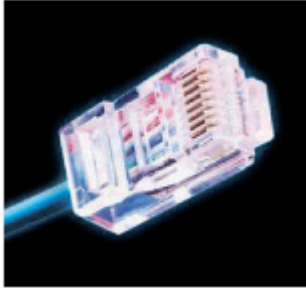


Suprema Algorithm

At the core of every Suprema access control device, the world's most powerful fingerprint algorithm assures unrivaled speed and accuracy. Recognized by FVC¹ and NIST MINEX Test², Suprema Algorithm has been proven to be one of the most sophisticated technology in biometrics industry.

¹ FVC: International competition focused on fingerprint verification software assessment.

² MINEX Test: Minutiae Interoperability Exchange Test by US Government's NIST.



IP-to-the-door Concept -Flexible & Cost-saving Solution

Featuring IP-based system topology, BioLite Net's IP access control system offers extra flexibility in designing your security system while reducing cost on installation & maintenance. Compare to conventional access control system, IP access control provides lower cost per door with less wiring and utilization of existing network infrastructure. For use in single and remote location without network, BioLite Solo offers excellent biometric security for your budget.



IP65-rated Waterproof Structure

BioLite's body structure has been comprehensively sealed against invasive moisture, dust and liquid. Featuring superb IP65-rated protection, its meticulous sealing, combined with extra protective engineering, ensures faultless operation under outdoor installation. BioLite also features illuminated keypads, LCD back light and LED indicator for excellent visibility in harsh conditions.









Versatile Interfaces -extra flexibility

BioLite allows flexible system design and cost advantage with comprehensive communication interfaces and relays such as TCP/IP, RS485 and Wiegand. In addition, it provides multiple in/out relays to offer extra flexibility. For further expansion, optional external relay unit is also available.

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	Mifare (13.56 MHz), EM(125 KHz)
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
Operating Temperature	- 20°C~ 50°C (-5°F ~ 122°F)
Size	60mm x 185mm x 40mm (W x H x D)

Accessories

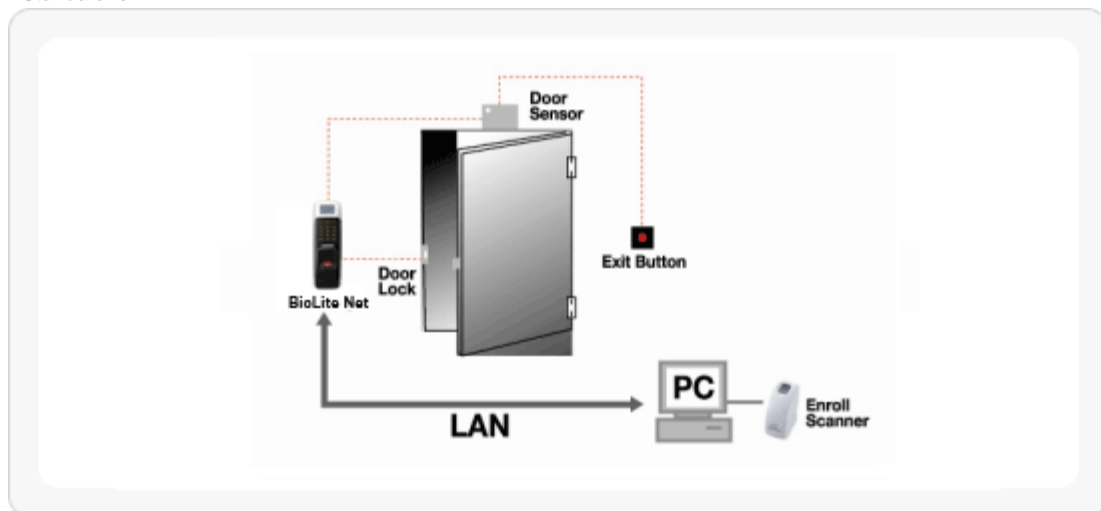
		
Secure I/O	Power Adapter	Plastic Stand
		
RF Card	Mifare Card(1KB)	Mifare Card(4KB)

Product Type

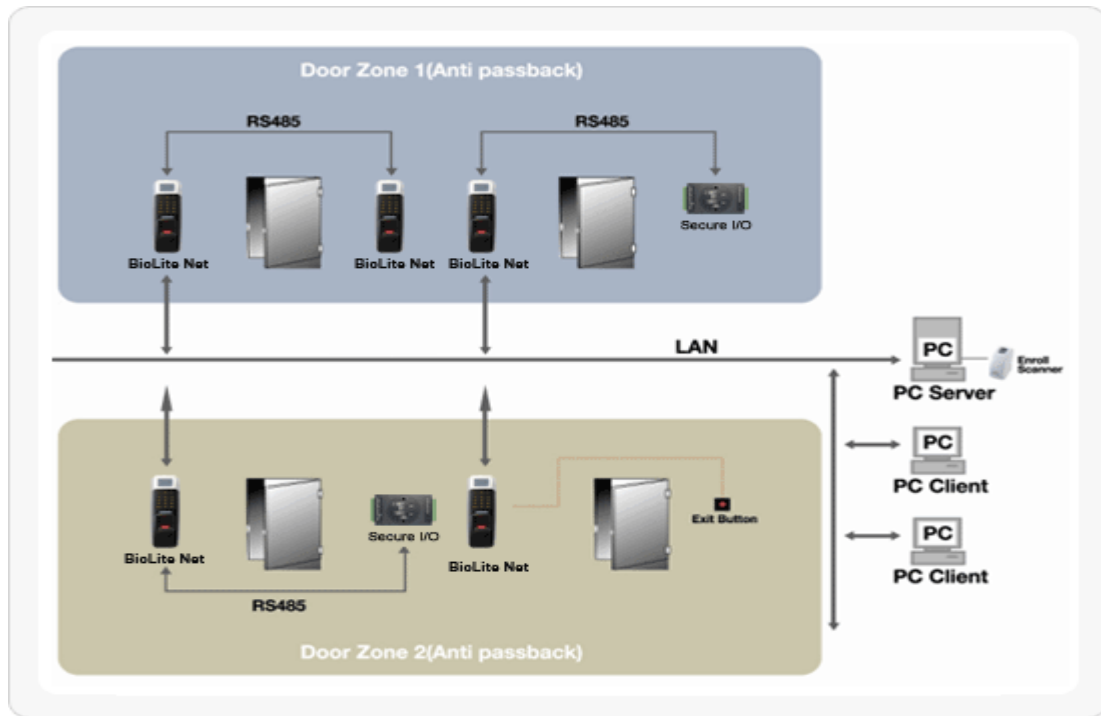
		
Card Type	125kHz EM card	Mifare (13.56MHz, ISO14443A)
Model	BLR-OC	BLN-OC

System Configuration

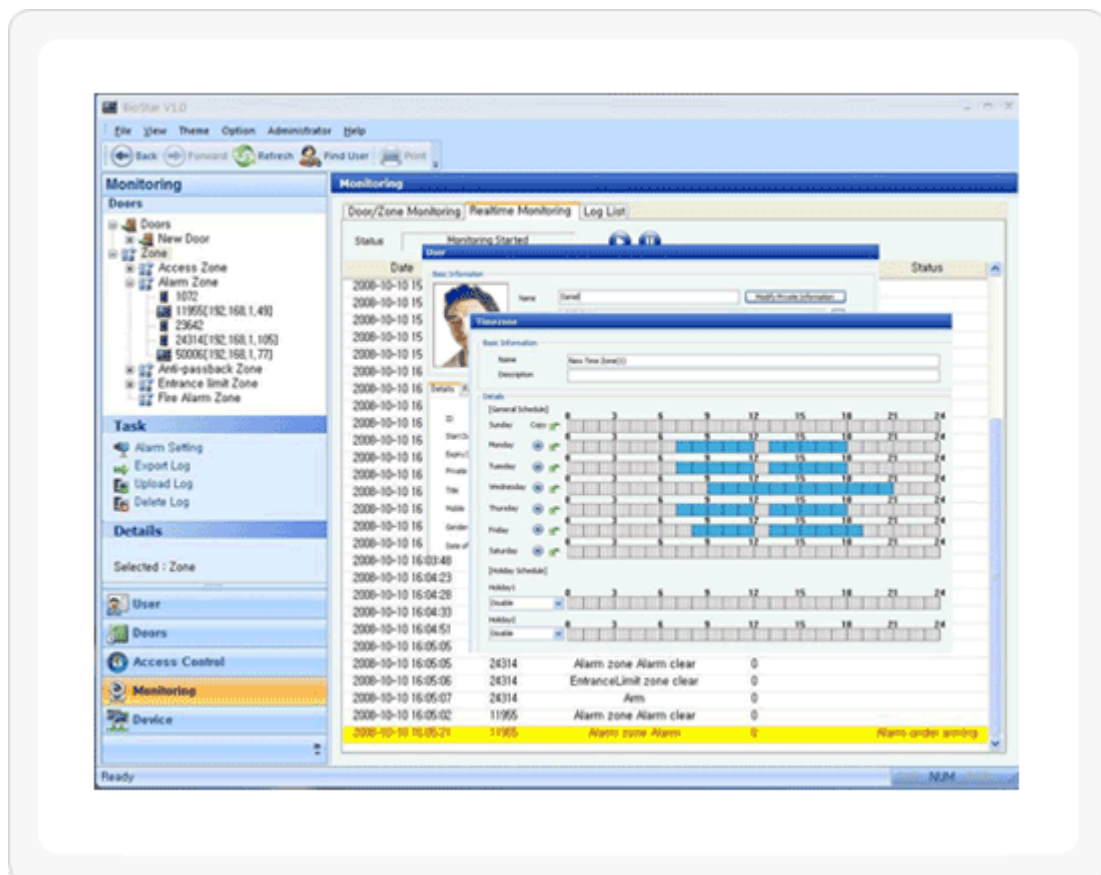
- Standalone



• Network



BioStar S/W



BioStar is a management software running on MS Windows based PC platforms. The BioStar access control system is based on IP connectivity and biometric security. The software enables Suprema access control devices to perform comprehensive access control functions including user management, device management, door/zone control, real-time monitoring and so on.