

BioLite | Outdoor Fingerprint IP Terminal

Durable Structure, All-round Excellence

Suprema BioLite series are the World's smallest IP fingerprint terminal with access control & time attendance features. With its rugged IP65-rated waterproof structure, BioLite offers exceptional durability in extreme conditions and is ideal for both indoor and outdoor environment. BioLite also packs renowned Suprema's biometric technology with simplicity and exceptional value for your budget. All the advanced features resides in a compact and slim design and its user-friendly interfaces allow ease of use and maintenance.



2,000 matches in 1 second (1:N)
 User capacity : 5,000(Net), 200(Solo)
 Log capacity : 50,000(Net), 5,000(Solo)
 533MHz DSP
 IP65 waterproof
 Graphic LCD with backlight
 Operating Temp.: -20°C ~ 50°C
 TCP/IP, RS485, Wiegand
 EM, Mifare options



Powerful 533MHz DSP

Its powerful 533MHz DSP gives BioLite Net/Solo the ability to deliver fast matching speeds and rapid responses while providing an exceptionally low error rate. This powerful processor is capable of handling the large amounts of data required for fast and accurate fingerprint matching as well as ensuring uninterrupted device operations.

Distributed IP Access Control System

BioLite Net/Solo provide both reader and controller functionalities in one device. One device can scan ID data, manage users and control access from the edge of a system. This will not only allow for a simple localized setup, but it will also improve system stability by eliminating a single point of failure that can affect the entire system. As BioLite Net/Solo also have networking capabilities, they can become part of a larger network via one of its various interfaces.

IP65-rated Waterproof Structure



BioLite Net/Solo have been completely sealed against invasive moisture, dust and even liquids. Featuring their superb IP65-rated protection, meticulous sealing, combined with extra protective engineering, they ensure faultless operation under any outdoor installation.

Versatile Interfaces - Extra Flexibility

BioLite Net come with not only a TCP/IP interface, but also the more traditional interfaces (RS485, Wiegand) to provide higher flexibility and multiple installation options for different environments. BioLite Net/Solo also come with 2 internal inputs and 1 internal relay output to control peripheral devices. The I/O ports can also be extended using the Secure I/O accessory device.

Suprema Algorithm

Suprema's world renowned fingerprint algorithm lies in the heart of every BioLite Net/Solo. The highly sophisticated algorithm has been recognized by both FVC and NIST MINEX and was proven to be one of the fastest and most accurate algorithms in the world.

