

# BioEntry | Fingerprint IP Reader/Controller

## Designed for Simplicity, Superb Engineering

The BioEntry Plus/W exquisitely blends the benefits of a next generation distributed IP system with the high level security provided by biometrics. Engineered by the World's leading biometric experts, BioEntry Series offers unrivaled quality with exceptional engineering. BioEntry W takes the series one step further by encasing a world renowned product into an IP65 vandal resistance housing and adding PoE (Power over Ethernet) capabilities. It is truly the ultimate for outdoor biometric access control systems.



BioEntry Plus



BioEntry W

2,000 Matches per Second (1:N)  
 User Capacity : 5,000  
 Log Capacity : 50,000  
 CPU: 533MHz DSP  
 Indicators : Multi-color LED & Sound  
 RF Options : EM, HID prox, Mifare/DesFire, iClass, Felica  
 Interfaces : TCP/IP, RS485, Wiegand  
 Power : 12VDC | PoE [BioEntry W]



BioEntry Plus Video

### Powerful 533MHz DSP

Its powerful 533MHz DSP gives BioEntry Plus/W 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

BioEntry Plus/W 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 BioEntry Plus/W also have networking capabilities, they can become part of a larger network via one of its various interfaces.

### Versatile Interfaces - Extra Flexibility

BioEntry Plus/W 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. BioEntry Plus/W 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 BioEntry Plus/W. 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.

### IP65-rated Waterproof Structure [BioEntry W]



BioEntry W has been completely sealed against invasive moisture, dust and even liquids. Featuring its superb IP65-rated protection, meticulous sealing, combined with extra protective engineering, it ensures faultless operation under any outdoor installation.

### Vandal Resistant Housing [BioEntry W]

The BioEntry W is the first of Suprema's product line to come with a robust vandal resistant housing. Using a special AVS plastics the BioEntry W is able to withstand a high level of impact making it the ideal for outdoor applications.

### PoE (Power over Ethernet) [BioEntry W]

BioEntry W is equipped with a PoE module allowing the device to be powered and controlled through just one Ethernet cable. A PoE system allows for a very quick and easy installation.

### Comparison

	BioEntry W	BioEntry Plus
Sensor	Optical	Optical / Capacitive
PoE	Yes	No
IP Rate	IP65 (Outdoor)	No
Vandal Resistant	Yes	No
Dimension	50 x 172 x 42 mm (W/H/D)	50 x 160 x 37 mm (W/H/D)
RF Card Option	13.56MHz Mifare/DesFire	125kHz EM, HID Prox. 13.56MHz Mifare/DesFire 13.56MHz iClass/Felica

