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BioEntry W

Outdoor Fingerprint
IP Reader/Controller

IP65 dust & waterproof
IK08 vandal-resistant
Power over Ethernet
Fingerprint & RFID

| **BioEntry W** | BioEntry Plus/W exquisitely blends benefits of IP access control system with high-level security provided by fingerprint biometrics. Featuring vandal-resistance structure and IP65 rated structure, BioEntry W is ideal for outdoor installation with offering exceptional durability under harsh environment. With its extensive communication interfaces and PoE capability, BioEntry W is truly the ultimate outdoor fingerprint access control device.

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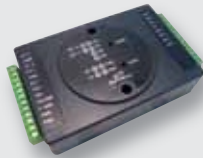## BioEntry W
Outdoor Fingerprint IP Reader/Controller

Hardware Features

Worlds Best Fingerprint Recognition Technology
- Cutting-edge algorithm ranked top in FVCs and MINEX

IP65 Certified Dust & Water Protection
- Ideal for harsh environment and outdoor installation

IK08 Vandal-resistant Structure
- Heavy-duty Lexan resin housing with doubled thickness

Ultra Performance
- 1:2,000 matches in 1 second

Power over Ethernet
- Power supply through a single CAT5/6 wiring

Versatile Interfaces
- TCP/IP, RS485, Wiegand, relay

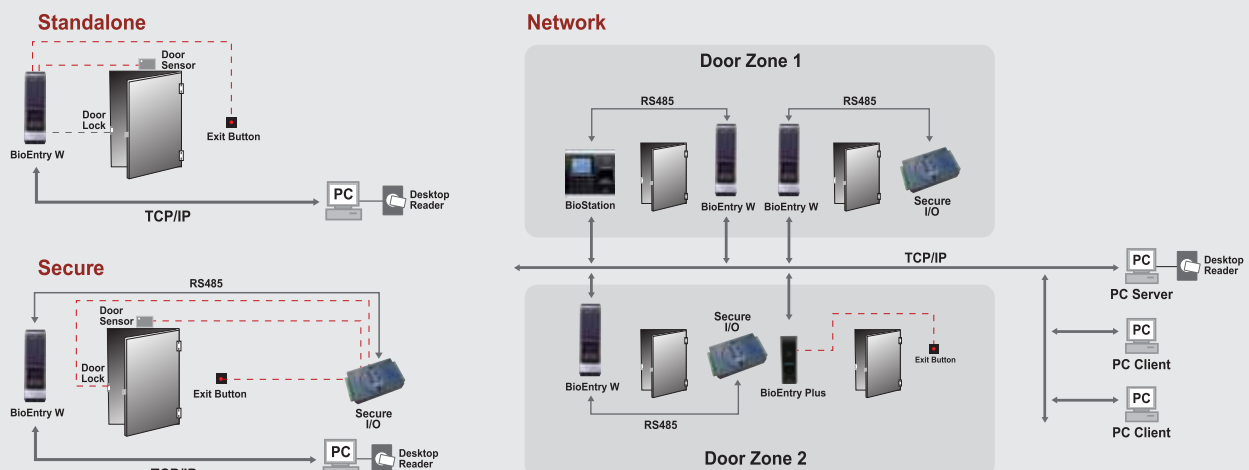**RF Card Options**
- 13.56MHz Mifare/DesFire

Secure I/O

- **External Relay unit for secure door control and I/O expansion**
- **Encrypted communication for enhanced security**
  - ` 16MHz 8 bit microprocessor
  - ` 4 digital inputs and 2 relay outputs
  - ` Dimension :
    143 x 82 x 35 mm (W x H x D)

Specifications

CPU	533MHz DSP
Memory	8MB flash + 8MB RAM
Fingerprint Sensor	Optical
RF Card Option	13.56MHz Mifare/DesFire
Template Capacity	10,000 (1:1)
Max User	5,000
Log Capacity	50,000
Ingress Protection	IP65
PoE	Yes
Interfaces	TCP/IP, Wiegand, RS485, RS232, TTL I/O, relay
Tamper	Switch
Sound	16 bit Hi-Fi voice & sound indication
Operating Temp.	- 20C ~ 50C
Operating Voltage	12vDC
Dimensions (mm)	W50 x H172 x D42
Certificates	CE, FCC, KCC, IP65, IK08

System Configurations

Standalone

Door Sensor
Door Lock
BioEntry W
Exit Button
TCP/IP
PC
Desktop Reader

Secure

RS485
Door Sensor
Door Lock
BioEntry W
Exit Button
Secure I/O
TCP/IP
PC
Desktop Reader

Network

Door Zone 1
RS485
RS485
BioStation
BioEntry W
BioEntry W
Secure I/O
TCP/IP
PC Server
PC
Desktop Reader

Door Zone 2
Secure I/O
BioEntry W
BioEntry Plus
Exit Button
RS485
PC Client
PC
PC Client
PC

Evolved Protection

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