BioEntry W
Outdoor Fingerprint IP Reader/Controller

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

BioEntry Plus/W exquisitely blends the benefits of IP access control with the high-level of security provided by fingerprint biometrics. Featuring a vandal-resistant structure and IP65 rated structure, BioEntry W is ideal for outdoor installations, offering exceptional durability in harsh environments. With its extensive communication interfaces and PoE capability, BioEntry W is truly the ultimate outdoor fingerprint access control device.
**BioEntry W**
Outdoor Fingerprint IP Reader/Controller

**Hardware Features**

- **World’s Best Fingerprint Recognition Technology**
  - Cutting-edge algorithm ranked top in FVC’s and MINEX
- **IP65 Certified Dust & Water Protection**
  - Ideal for harsh environment and outdoor installations
- **IK08 Vandal-resistant Structure**
  - Heavy-duty Lexan™ resin housing with doubled thickness
- **Ultra Performance**
  - 1,200 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

**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.**
  - -20°C to 50°C
- **Operating Voltage**
  - 12vDC
- **Dimensions (mm)**
  - W50 x H72 x D42
- **Certificates**
  - CE, FCC, KCC, IP65, IK08

**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)

**System Configurations**

**Network**

- **Door Zone 1**
  - BioEntry W
  - TCP/IP
  - PC
  - Biometric Reader
  - Exit Button

- **Door Zone 2**
  - BioEntry W
  - TCP/IP
  - PC
  - Biometric Reader
  - Exit Button

**Standalone**

- BioEntry W
- TCP/IP
- PC
- Biometric Reader
- Exit Button