

**suprema**

# BioEntry Plus

IP based Fingerprint Access Control



**BioEntry Plus** | BioEntry Plus is an IP based fingerprint access control device featuring easy installation and user friendly operations. Integrated with both fingerprint and proximity card, BioEntry Plus covers a full range of access control applications from a simple standalone door control to complex networked access control systems



# suprema BioEntry Plus

## IP based Fingerprint Access Control

### Features

#### Fast and accurate fingerprint identification

- \* Award winning fingerprint algorithm (No.1 in FVC2004 & FVC2006)
- \* 1:2000 fingerprint identification in 1 second

#### Easy installation and connectivity

- \* Ethernet interface for TCP/IP communication
- \* Wiegand output configurable up to 64 bits
- \* Internal relay for direct lock interface

#### Easy operation and management

- \* Built-in RF card reader for different user authentication modes (fingerprint and/or card)
- \* Easy-to-use PC software for access control and time attendance
- \* Optional standalone user management using command cards
- \* Template on card to store fingerprint data on a smart card

#### Slim and elegant design

- \* Slim design for installation on a door frame
- \* Multi color LED and multi-tone buzzer for intuitive user interface

#### Full access control features

- \* 128 access groups and 128 time schedules
- \* Anti-passback door zones supporting 32 readers
- \* Tamper switch and duress finger option

#### External relay unit

- \* Secure door control and I/O expansion

### Specifications

|                      |  |
|----------------------|--|
| CPU                  | 400MHz DSP                                     |
| Memory               | 4MB flash + 8MB RAM                            |
| Fingerprint sensor   | 500 dpi optical sensor                         |
| Identification speed | 2,000 match in 1 second                        |
| Fingerprint capacity | 10,000 templates (5,000 users)                 |
| Log capacity         | 50,000 events                                  |
| RF card              | Proximity (125kHz EM), Mifare (13.56MHz)       |
| Operation modes      | Fingerprint, RF card, RF card + fingerprint    |
| Network interface    | TCP/IP, RS485                                  |
| Wiegand output       | Configurable up to 64 bits                     |
| TTL I/O              | 2 inputs for exit switch and door sensor       |
| Internal relay       | Deadbolt, EM lock, door strike, automatic door |
| Sound and interface  | Multi-color LED and multi-tone buzzer          |
| Operating voltage    | 12VDC  |
| Size                 | 50 x 160 x 37mm (W x H x D)                    |

### Model Information

| Model                | Fingerprint Sensor   |                  |
|----------------------|----------------------|------------------|
|                      | OC (Optical Sensor ) | TC (Capacitive ) |
| BioEntry Plus        | BEPL-OC              | NA               |
| BioEntry Plus Mifare | BEPM-OC              | BEPM-TC          |

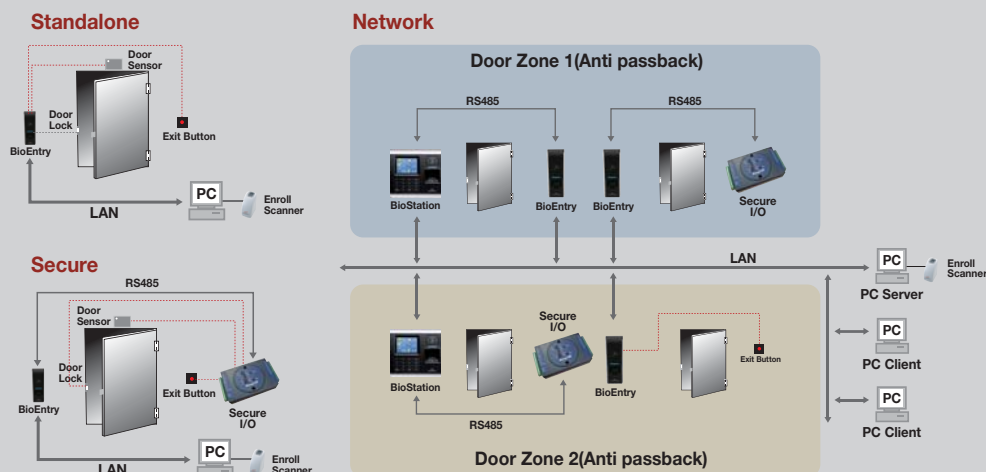
### Secure I/O

- Accessory unit for secure door control and I/O expansion
- Encrypted communication with BioEntry Plus for enhanced security

- \* 16MHz 8bit microprocessor
- \* 4 digital inputs and 2 relay outputs
- \* Size : 143 x 82 x 35 mm (W x H x D)



### System Configuration



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