bioentry Plus

IP based Fingerprint Access Control

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
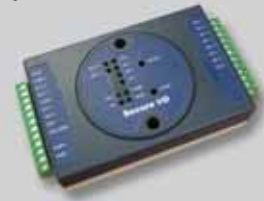
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Features

- **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 (standalone control mode)

- **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

- **Slim and elegant design**
  - ・Slim design for installation on a door frame (50mm width)
  - ・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 (secure reader mode)
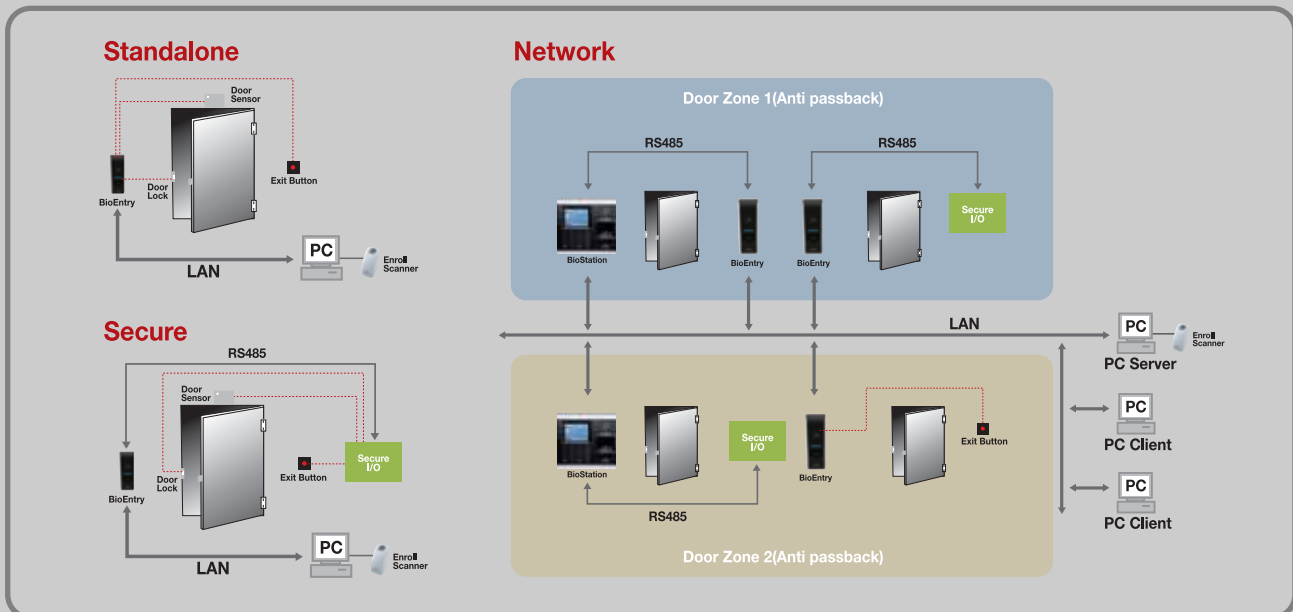
Specifications

CPU	400MHz DSP
Memory	4MB flash + 8MB RAM
Fingerprint sensor	500 dpi optical sensor
Identification speed	2000 match in 1 second
Fingerprint capacity	5000 fingerprint templates
Log capacity	50000 events
RF card	125KHz proximity (EM)
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 ×H ×D)

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

For Sales and Inquiries, Please Contact:

Suprema Inc.

16F Parkview Office Tower, Jeongja-dong, Bundang, Seongnam, Gyeonggi, 463-863 Korea
Tel: +82-31-783-4502, Fax: +82-31-783-4503
E-mail: sales@supremainc.com
Homepage: http://www.supremainc.com