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.

Kimaldi
www.kimaldi.com

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IP based Fingerprint Access Control

Hardware Features

World's Best Fingerprint Recognition Technology
- Cutting-edge algorithm ranked top in FVC's and MINEX

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

Versatile Interfaces
- TCP/IP, RS485, Wiegand, relay
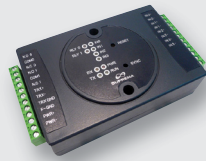
RF Card Options
- EM, HID Prox. Mifare/DesFire, iClass, Felica

Secure I/O

- **External Relay unit for secure door control and I/O expansion**
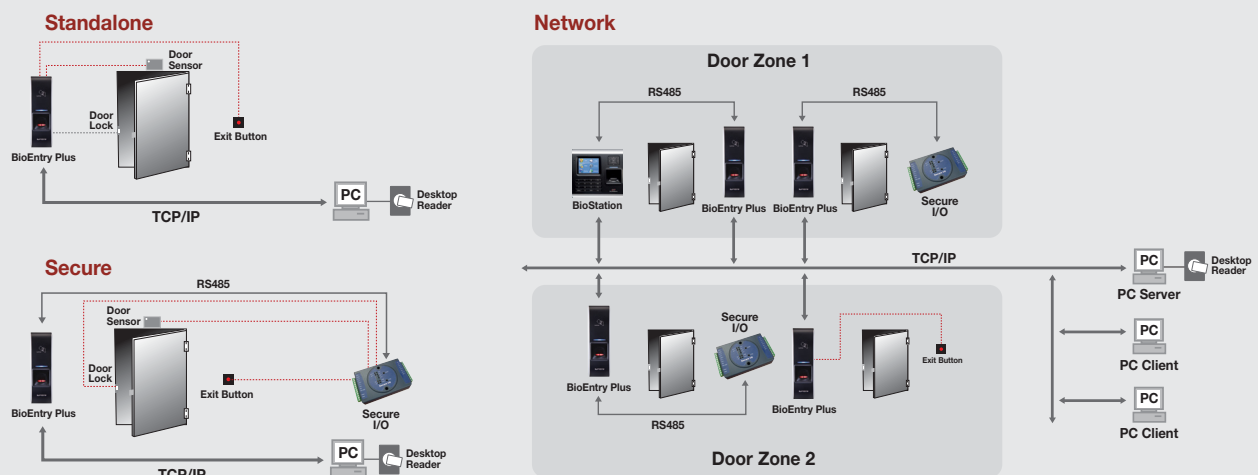- **Encrypted communication for enhanced security**

  ✳ 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	533 MHz DSP
Memory	8Mb 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	EM, HID Prox. Mifare/DesFire, iClass, Felica
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)

System Configurations

Standalone

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

Secure

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

Network

Door Zone 1
RS485
RS485
BioStation
BioEntry Plus
BioEntry Plus
Secure I/O

TCP/IP
PC Server
Desktop Reader

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

PC Client
PC Client