



Simple Fingerprint Access Control



FVC2004 & FVC2006 No.1 Fingerprint Recognition Algorithm

| BIOENTRY | BioEntry™ is a fingerprint access reader equipped with fast one to many fingerprint identification engine and template-on-smartcard authentication option.



## Features



### Outstanding Fingerprint Recognition

Store 9,000 fingerprint templates and identify 2,000 fingerprints in 1 second



### Simple External Controller

Enhance both security and convenience using a separate controller with LCD and keypad



### Wiegand Interface

Can be connected to conventional wiegand controller replacing RF card readers



### Smart Card Option

Increase security level by storing fingerprint template on a contactless smart card

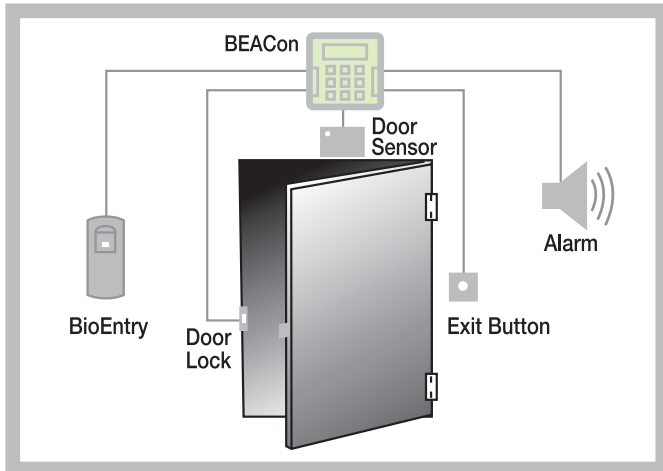


### Different Fingerprint Sensors

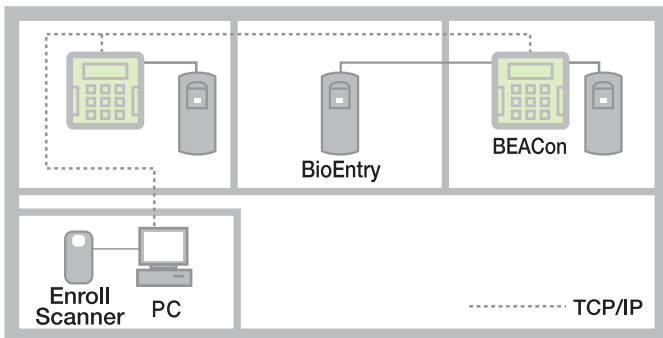
Choose suitable sensor for each application among optical, capacitive and thermal swipe fingerprint sensor models

## System Configuration

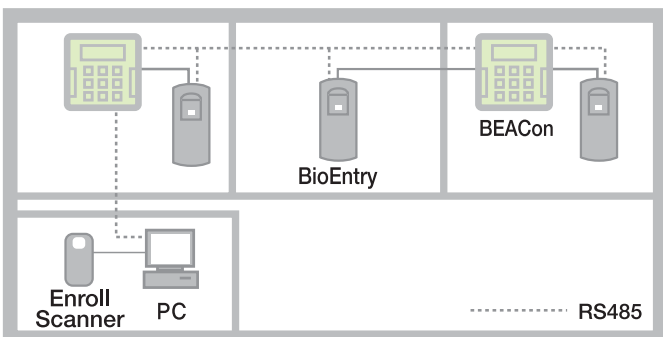
### Standalone access control system



### Network access control system (TCP/IP)



### Network access control system (RS485)



※ Conventional wiegand controller can be used instead of BEACon

## Applications

- Office
- Home
- Garage
- Warehouses

## Specifications

### BioEntry™ Reader Specifications

CPU	400MHz DSP
Flash memory	4MB
EER	< 0.1%
Enrollment time	< 1 sec
Identificaion time	< 1 sec (1:2000 genuine matching)
Template size	384 bytes (reducible to 256 bytes)
Smartcard	ISO14443A MIFARE (optional)
Template capacity	9,000 at 4MB flash
Log Capacity	12,800 Events
Host communication	RS422 / RS485
Aux. communication	RS232
External I/O	2 TTL input, 1 TTL output
Encryption	256 bit AES
Size	75 x 175 x 54 (W x H x D)

### BEACon™ Controller Specifications

CPU	8-bit microprocessor
Reader	BioEntry x 2
Input switch	Door sensor x 2, Exit button x 2, Configurable x 2
Output relay	Form C relay (Common/NC/NO, 250V/5A) x 4
Host communication	RS232, RS485, TCP/IP (optional)
Display	16 x 2 character LCD
Keypad	16 numeric keys
Power	12 Vdc @ 300mA
Accessories	Metal case (optional), Power adaptor (optional)

## Model Information

Fingerprint Sensor	Optical	Capacitive	Swipe
BioEntry Pass (Fingerprint only)	BEP-OP	BEP-TC	BEP-FC
BioEntry Smart (Fingerprint+Smartcard)	BES-OP	BES-TC	BES-FC

### BEACon Controller Pack



BEACon



Metal Case



Power Adaptor

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