

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



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IP based Fingerprint Access Control

Features

Fast and accurate fingerprint identification

- * Awardwinningfingerprintalgorithm (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 relay 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	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)

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

