



**Biospirit**  
(Fingerprint Reader)

## Hardware Features

- 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

## Description

Biospirit 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

## 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 configuration

