

# inPulse+

## Multi-Biometric Finger Vein Standalone Access Control Terminal



**inPulse+** is a multi-biometric reader capable of capturing and processing finger vein and fingerprint biometric data at the same time. Ergonomic, intuitive and highly secured, inPulse+ leads us to a new era of enhancing security with biometrics. Its infra-red rays illuminate the vein pattern which is then converted into a biometric template. Both the vein and fingerprint templates are then stored in the database for subsequent matching.

## Features



Modern Design & Interactive UI



Dual Finger Vein & Fingerprint Authentication



Multiple Verification Modes:  
Finger Vein / Fingerprint /  
Card / Password



Simple Management & Scalability



TFT-LCD Color Touch Screen



## Specifications

### Capacity

Finger Veins	1,500
Fingerprints	1,500
Cards	2,000
Transactions	100,000

### Communication

TCP/IP
USB Host
Wiegand Input / Output
Security Relay Box

### Access Control Interface

Lock Relay Output
Alarm Output / Auxiliary Input
Exit Button / Door Sensor
Doorbell Output

### Hardware

1.2GHz CPU
Memory 128MB RAM / 256MB Flash
ZK Fingerprint Sensor
2.8 Inches TFT-LCD Touch Screen
125KHz EM Reader / Mifare (Optional)
Hi-Fi Voice & Indicator
Tamper Switch Alarm

### Standard Functions

Access Levels / Groups / Holidays
DST / Bell Schedule
Duress Mode (Password)
Anti-Passback
Record Query
Custom Wallpaper & Screen Saver

### Special Functions

Multiple Verification Modes

### Compatibility

Wiegand Slave Reader  
ZKBioSecurity Software

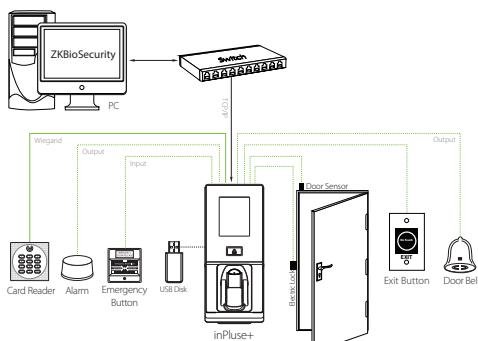
### Additional Info

Working Temperature: -10 °C ~ 50 °C  
Dimensions: 201.7 x 85 x 102.7 mm.  
ZKVein v3.0 & ZKFinger v10.0 Algorithms

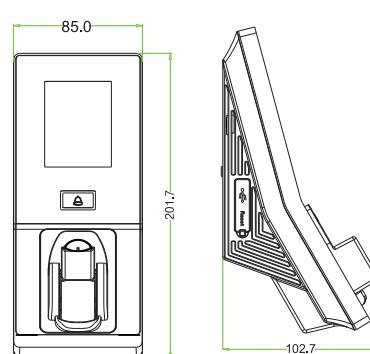
### Power

Operating Voltage 12V DC  
Current Draw < 500mA

## Configuration



## Dimensions (mm)



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