

# 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 (G: GL Exclusive Feature)

### Capacity

<span style="color: green;">G</span> Finger Veins	1,500
<span style="color: green;">G</span> Fingerprints	1,500
Cards	2,000
Transactions	100,000

### Communication

<span style="color: green;">G</span> 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

<span style="color: green;">G</span> 1.2GHz High Speed CPU
<span style="color: green;">G</span> Memory 128MB RAM / 256MB Flash
ZK Fingerprint Sensor
<span style="color: green;">G</span> 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

<span style="color: green;">G</span> Multiple Biometric Verification Modes
ZK Encrypted Card

### Compatibility

Wiegand Slave Reader  
ZKBioSecurity Software

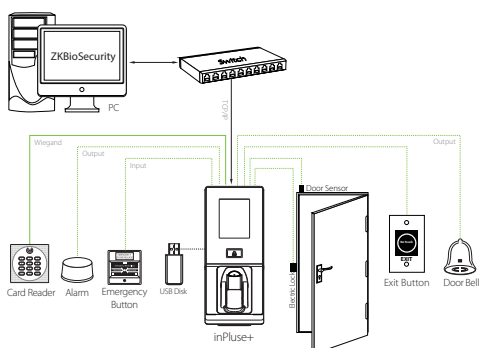
### Additional Info

Working Temperature: -10 °C ~ 50 °C  
Dimensions: 201.7 × 85 × 102.7 mm.  
ZKVein v3.0 & ZKFinger v10.0 Algorithms  
Finger Vein & Fingerprint: FAR≤0.0001%  
FRR≤0.01%  
Package Includes 12V 3A Power Supply

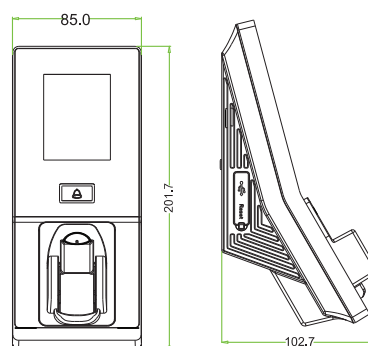
### Power

Operating Voltage 12V DC  
Current Draw < 500mA

## Configuration



## Dimensions (mm)



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