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

Communication
𝐆 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
𝐆 1.2GHz High Speed CPU
𝐆 Memory 128MB RAM / 256MB Flash
   ZK Fingerprint Sensor
𝐆 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
𝐆 Multiple Biometric Verification Modes
   ZK Encrypted Card (Optional)
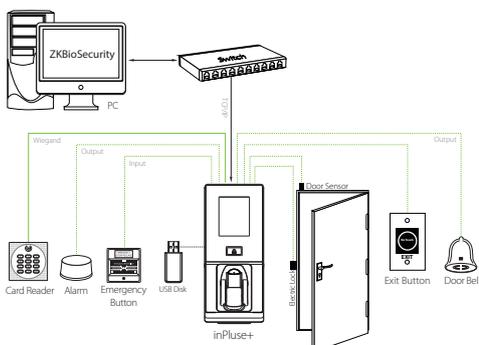
Compatibility
Wiegand Slave Reader
ZKBioSecurity Software

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%
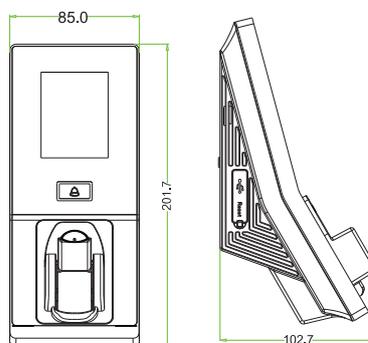   FRR≤0.01%
Package Includes 12V 3A Power Supply

Power
Operating Voltage 12V DC
Current Draw < 500mA

Configuration

Dimensions (mm)

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CE FC ✓ RoHS