inPulse
Finger Vein
Standalone Access Control Terminal

inPulse is an IP-based finger vein access control terminal that works as a standalone device or connected to a third party access control panel using Wiegand interface. With patented vein recognition technology, inPulse is able to identify fake or dry fingers, and providing excellent performance under strong sunlight.
**Features**

Modern Design & Interactive UI

High Security Finger Vein Recognition

Multiple Verification Modes: Finger Vein / Card / Password

Simple Management & Scalability

TFT-LCD Color Touch Screen

**Specifications** *(GL Exclusive Feature)*

**Capacity**
- Finger Veins: 1,500
- Cards: 10,000
- 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 High Speed CPU
- Memory: 128MB RAM / 256MB Flash
- 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
- 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 Algorithm
- Finger Vein: FAR≤0.0001% FRR≤0.01%
- Package Includes 12V 3A Power Supply

**Power**
- Operating Voltage: 12V DC
- Current Draw < 500mA

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**Configuration**

**Dimensions (mm)**

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