

# RD920 Palm Vein Module

Developed for the security industry



## **Product Advantages**

### Rapid Recognition of Palmar Vein

A palm vein module specially developed for the security industry, with a large field of view and automatic infrared fill light capability, suitable for palm vein recognition

### Encryption Algorithm

Supports RSA-2048/AES-256/MD5/ SHA/SHA24 encryption algorithms, with built-in 32Mbyte LPDDR2 and powerful and rich peripheral interfaces.

#### 🕸 Using TOF Ranging Sensor

Using a TOF ranging sensor, it can quickly detect the palm in a short time and is not affected by temperature, air pressure, or humidity.



Application Scenario

Palm vein access control system/Palm vein payment

# Product Specifications

Palm vein recognition	
Applicable Angle	Horizontal rotation $\pm 20$ ° and front to back tilt $\pm 20$ °
Compare patterns	1:1 1 : N
storage capacity	10,000 palms
accuracy	FAR 0.0001% FRR 0.01%
recognition time	<500ms
Identify distances	5-15cm
illuminant	850nm 2w(peak)
Register the characteristiclength	10240 Byte
Identify the length of thefeature	40960 Byte
Basic Parameters	
dimensions	45X40X17.7mm
Image dimensions	960*720pt
Interface	JST-1.25-4P FPC-1.0-7P
Wait for electromechanicalcurrent	OmA
working temperature	-15°C~55°C
Working humidity	20% to 80% (no condensation)
working voltage	4.8V-6.3V
rated current	<150mA
peak point current	<700mA
operating system	Support Windows, Linux, Android

### Product shape and size



# **Contact Information**



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