



# 5.5-inch Palm Vein Recognition Payment System **MP50**



Palm Vein



Android 11



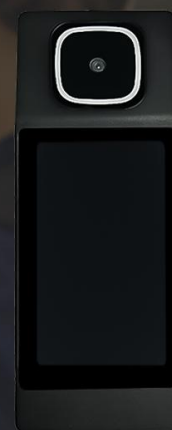
Battery 1800mAh



5-15CM



4G



**MP50**

**HF-MP50** This technology integrates optical components with high-performance image signal processors and AI modules. Utilising a proprietary software-based automatic exposure algorithm, it enables efficient palm print detection and closed-loop automatic exposure of palm prints across diverse lighting conditions, including low-light environments. To deliver high-quality palm print/palm vein images within the camera module and perform comprehensive image processing, the host device must execute palm print/palm vein recognition algorithms encompassing liveness detection and feature extraction. Applicable to payment scenarios.

## Features

- ★5.5-inch HD display for clear and intuitive operation
- ★Android 11 System
- ★Support LAN and Cloud
- ★Adjustable Detecting Distance
- ★Cloud management software for remote control and data management
- ★Free SDK/API for integration and secondary development

## SPECIFICATION

|             |                                     |
|-------------|-------------------------------------|
| OS Android  | 11                                  |
| RAM         | 4GB                                 |
| ROM         | 64GB                                |
| Dimension   | 228.2(L)*85(W)*36.1(H)MM            |
| LCD Display | 5.5 inch                            |
| Resolution  | 720*1280"                           |
| Camera      | 8.0M                                |
| MIC         | Support                             |
| Speaker     | Stereo speaker 8Ω/1.5W              |
| GPS         | Support for a-GPS,positioning speed |
| Battery DC  | 7.4V/1800mAh Lithium Battery        |

SPECIFICATION

|              |                     |
|--------------|---------------------|
| Bluetooth    | 4.0                 |
| WIFI         | 802.11 b/g/n        |
| Power Charge | Type-C and adapters |
| Data Link    | 3G/4G/GPRS          |

CARD

|      |                                                   |
|------|---------------------------------------------------|
| NFC  | Support                                           |
| PSAM | Card slot ×1, supports PSAM cards                 |
| SIM  | Supports dual SIM cards with dual standby         |
| TF   | Card slot ×1 (mini SD card, supports up to 128GB) |

PALM VEIN

|                                   |                                                               |
|-----------------------------------|---------------------------------------------------------------|
| Palm Vein Capacity                | 20,000                                                        |
| Palm Working Distance             | 5-15CM                                                        |
| Palm Scanning Angle               | Pitch angle ≤ 30°,roll angle ≤ 30°,horizontal rotation ≤ 360° |
| Palm Recognition Success Rat      | 99%                                                           |
| Host Computing Power Requirements | ≥ 4*A17@1.8GHz                                                |
| Algorithm Deployment Method       | Support fo rLocal Deployment and Cloud Deployment             |
| Cloud Library Capacity            | Support half a million,1/2/..5million,depends on              |
| Support International Standards   | ISO/IEC19794-6,ISO/IEC24745,ISO/IEC30107-3,ISO/ IEC29794      |

Function Introduction



Chongqing Huifan Technology Co.,Ltd.

Add:D-13 Dongli Internation Building Longtousi, Liangjiang District, Chongqing China  
Factory: Huafan Group Building 12, No. 30, Jianlong Street, Baoan Community, Yuanshan Subdistrict, Longgang District, Shenzhen  
Youtube: Huifan Technology Co.,Ltd

Tel: +86-23-67305242  
Twitter: @HF\_Security  
E-mail: info@hfctv.com

Website:www.hfsecurity.cn  
Facebook: Huifan Technology  
Whatsapp: (+86)13667681778

