

YC  
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# WIRELESS BLUETOOTH FINGERPRINT SCANNER

- Portable | Secure
- Professional OEM/ODM Supported



HF7000Pro

Security Issues and Solutions Related to Biometric Technology  
for Personal Identity Verification

The leading biometric solution provider since 2005

Chongqing Huifan Technology Co.,Ltd.

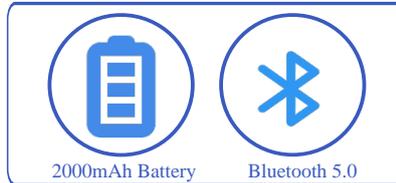


## Product Highlights

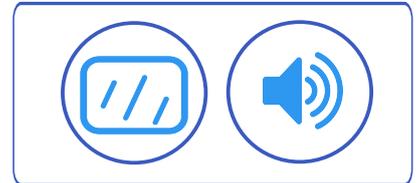
Dual-mode authentication via fingerprint and card swipe



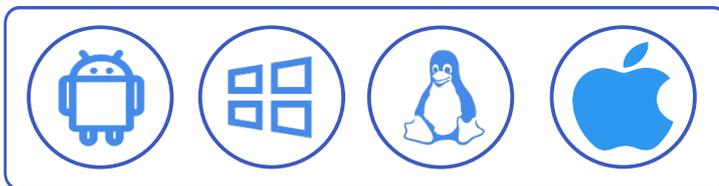
Battery & Bluetooth5.0



Screen & Voice guidance



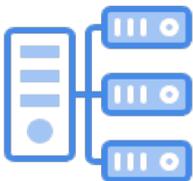
Multi-Platform Compatibility



Relevant Certificates



## Fundamental Core Parameters



Screen	0.96 inch OLED
Dimensions	95*50*16(mm)
Weight	107(g)
Crad	Support NFC 13.56Mhz card
Battery	2000mAh

## Fingerprint Parameters



Fingerprint Verification Time	<1S
Collect Area	18.50*13.00(mm)
Fingerprint scanner	FAP10, FBI Certificated
False Accept Rate (FAR)	0.0001%
False Reject Rate (FRR)	0.01%
Fingerprint Standard	ISO19794-2/-4, ANSI378/381

## Image Parameters



Image Size	256*360(mm)
Gray Scale	8-bit (256 levels)
Image Resolution	508DPI
Image Format	WSQ, BMP, RAW, etc

## Electrical Parameters



working Current	Maxim 200mA
Working Temperature	-20 ~70
Working Humidity	0-90% (No frosty)Interface
Anti-static Electric Capacity	IEC6100-4-2 standard 15KV

## Interface & System Support Parameters



USB	Type C
Bluetooth	Support Bluetooth 5.0
Operating Systems	Android, Windows, Linux, iOS

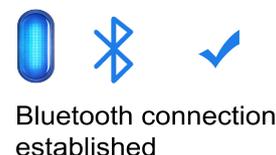
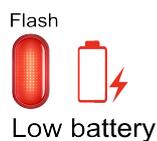
## Button Types



Function Key	Press and hold the centre button to activate Bluetooth /Press and hold to switch to USB transfer mode
Power Button	Press and hold to power on

## Lighting Indicator

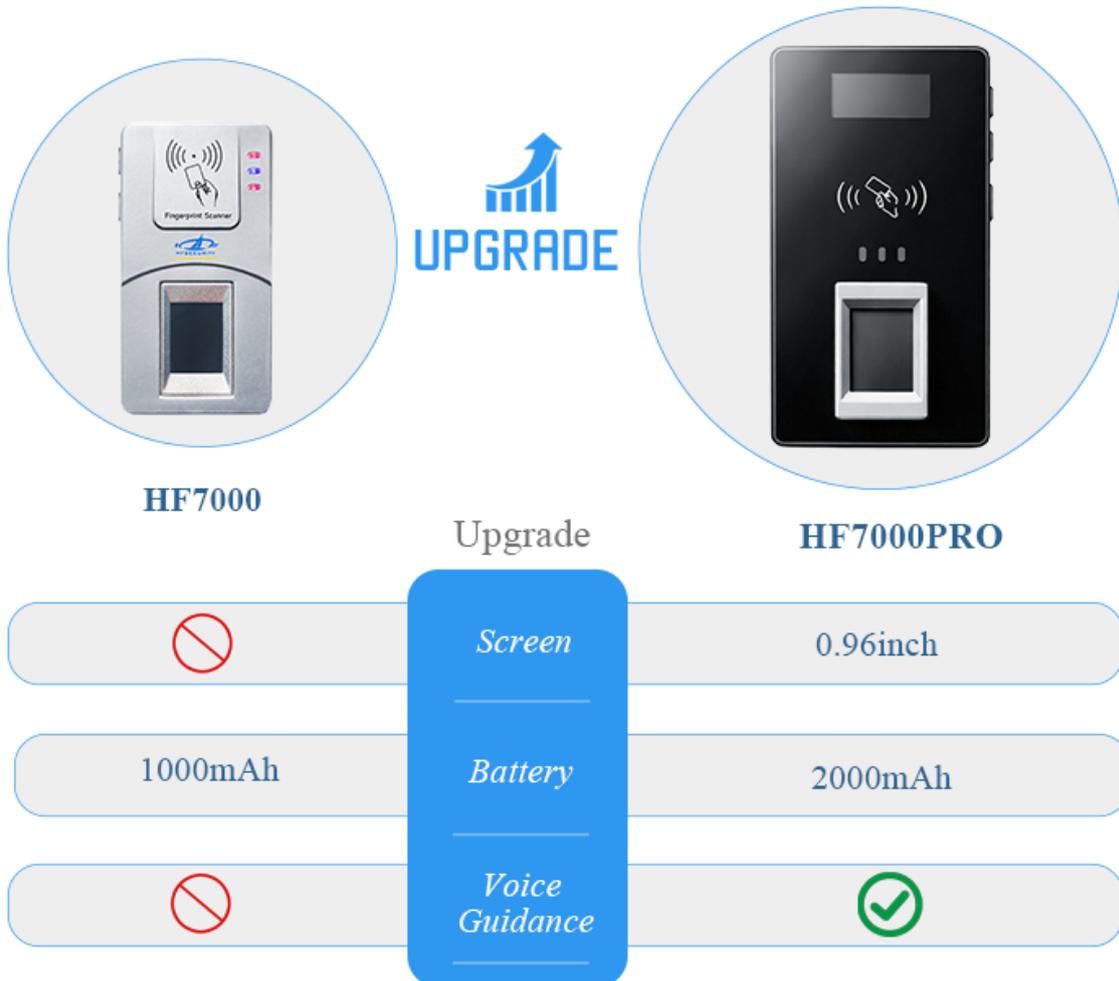
(Red, Blue, Green)



## Product Schematic Diagram



## Product Schematic Diagram



## Product Functions



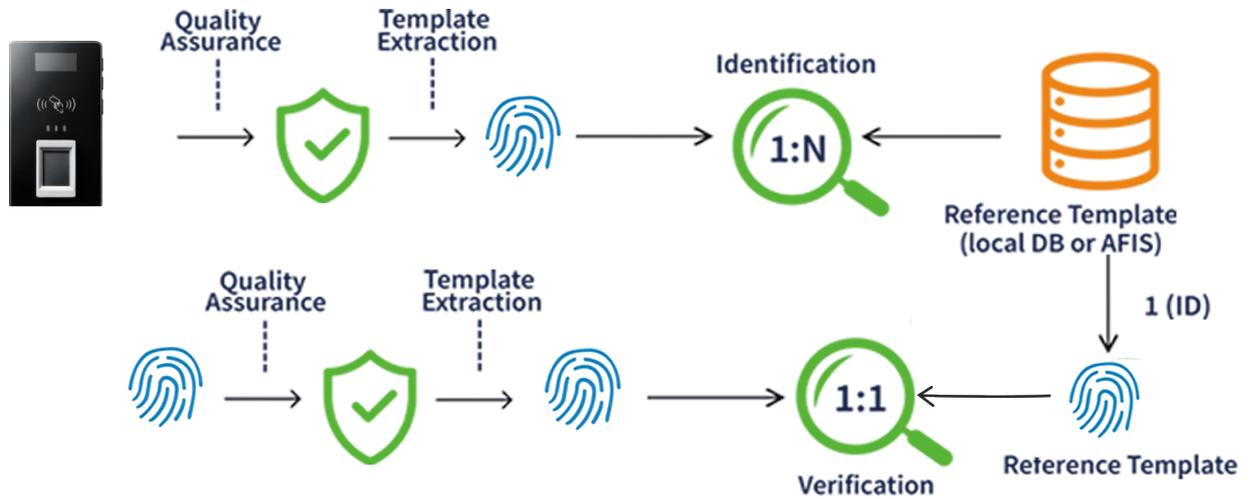
Card

Fingerprint

Wireless Bluetooth

USB

## Product Architecture Topology



Telecom



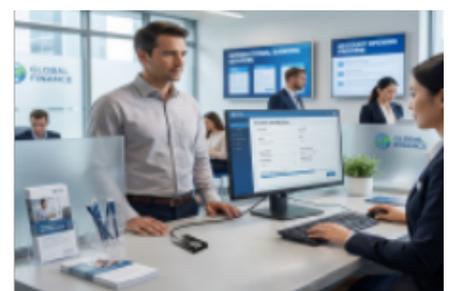
Healthcare



Government



E-Voting



Fintech

## Hexagram and Packaging



USB Cable

HF7000Pro

## Fingerprint scanner

HF7000	HF4000Plus	OS1000
		
HF4000	HFBio600	HFBioSlin10
		

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