

BH102 Fingerprint Scanner

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Herofun Bio-tech BH102 Fingerprint Scanner is applicable for authentication in different industries, such as: Identity Management, Finance, Health care, Banking, Benefit management, Retail point-of-sale etc. Compliant with international standard including ISO and ANSI support.

Applications

- ◆ Telecommunication
- ◆ PC/Network Security
- ◆ Health care
- ◆ Finance and Banking
- ◆ Hospitality
- ◆ E-Government
- ◆ Military
- ◆ Nonprofit

Features

- ◆ **International Standard:** ISO19794-2, ISO19794-4, ISO2002, ANSI 378-2, ANSI 378-4 and WSQ supported
- ◆ **High Image Quality:** Optical fingerprint technology with superior image quality
- ◆ **Strong Adaption:** Good adaption for dry, moist and rough fingerprints
- ◆ **Correction and Authentication:** Support auto correction and 180 degree rotation authentication
- ◆ **OS Support:** Android, windows and Linux
- ◆ **SDK Support :** Windows, Android, HTML (Firefox, IE10, IE11, IE12, Chrome)

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Physical Parameter

Display	100*80*25mm (product) 172*143*30mm (packing)
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Performance Parameter

Capture Mode	Optical Touch
Sensor size	21mm x 19mm
Imaging area	256*360 pixel
Array	508 DPI
CPU	150MHz、1M Bits Flash Memory、 128KB SRAM
Sensor	CMOS IMAGE, optical type
Big fingerprint capacity	500-1000 fingerprints(3000pcs standard)
FAR	< 0.001 % (Security Level: 3)
FRR	< 0.1 % (Security Level: 3)
Match mode	1:N identification and 1:1 verification
Time Response of	Fingerprint pretreatment < 0.45 s

Communication Mode

Interface	USB2.0
USB connection	Connect with Other Device Directly

Operation Environment

Power Supply	Voltage: DC5V $\pm$ 10%
Current	Current: <150ma
Working temperature	-20 °C + 70 °C
Working Humidity	20% - 80%



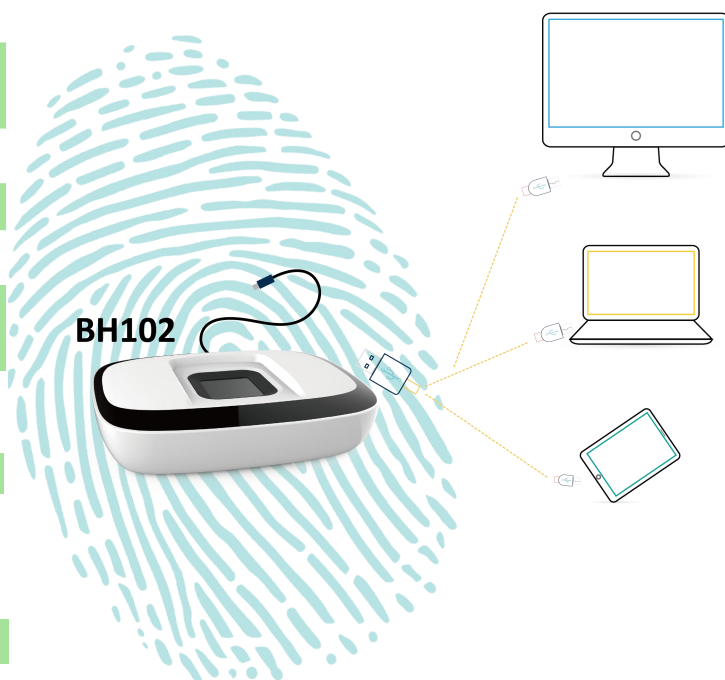
Richest Area



CBM Capture



Placement variations
on smaller sensors



SHENZHEN HEROFUN BIO-TECH CO.,LTD

Factory Add: 3F, Kebixin Industrial Zone, 1st Fuyuan Rd,
Fuyong Town, Bao'an, Shenzhen, China

Tel: +86-0755-27727166 +86-755-36603660 +86-13686445072 +86-18676703466

Wechat: smileliu2014 Skype: luckydogliu100

E-mail: smile@herofun-bio.com sales@herofun-bio.com

Web: www.herofun-bio.com