



OS300

Optical Fingerprint Scanner



Multi-OS support

OS300

HF-OS300 is an optical fingerprint reader with a large capture window. Supporting two-finger recognition and rolling fingerprint recognition, It supports USB connection for Windwos, Android and Linux operating systems,we also provide free software and SDK for testing, development and further integration. It can be used in identity management for election, telecommunication, bank, agriculture, school, time and attendance system, access control system, etc.

OS300



Optical Fingerprint Scanner



Windows Software



- Dual fingerprint capture
- Scrolling fingerprint capture
- Real-time display
- Save Fingerprint image

We also provide Complete source code SDK freely for further development and integration.

Specification

Dimension	114 (L) *64 (W) *37 (H) mm
Weight	146g
Interface	Mini USB
Operating Temperature	0°C to +50°C (Storage Temperature: -10°C to 60°C)
Working Humidity	10% - 90% (Storage Humidity: 20% [±3%] - 90 [±3%])
Operating Voltage Working	5.0V±5% supplied USB
Current	< 200mA

Fingerprint Recognition

Image Size	640*640 pixels
Image Resolution	500DPI [-0.5%~+0.5%]
Image Format	BMP, WSQ, RAW
Image Distortion	≤ 1%
Gray Level	255-256
Gray Scale	8-bit, 256
Window Area	38mm*38mm
Effective Windows Size	32.5mm*32.5mm
Fingerprint Image Quality	FBI CJIS-RS-0010 IAFIS Image Quality Specification Appendix F
Illumination	≤ 300lx
Capture Time	≥ 25 FPS (≤ 66ms)

Software

Support OS	Windows, Android, Linux
SDK	For Free, Support ASP. NET, JAVA, Active X, Web-based development etc








1.5m Mini USB



Head-quarter: Chongqing Huifan Technology Co., Ltd.
 D-13, Dongli International Building Longtousi, Yubei District, Chongqing, China.

Branch: Shenzhen BIO Technology Co., Ltd.
 Room 301-305, No.30, Jianlong Industrial Zone, Henggang, Longgang District, Shenzhen

 info@hfctv.com
 Huifan Technology Co.,Ltd
 Huifan Technology
 HF_Security
 Chongqing-huifan-technology



www.hfsecurity.cn



www.hfeco.com



YouTube