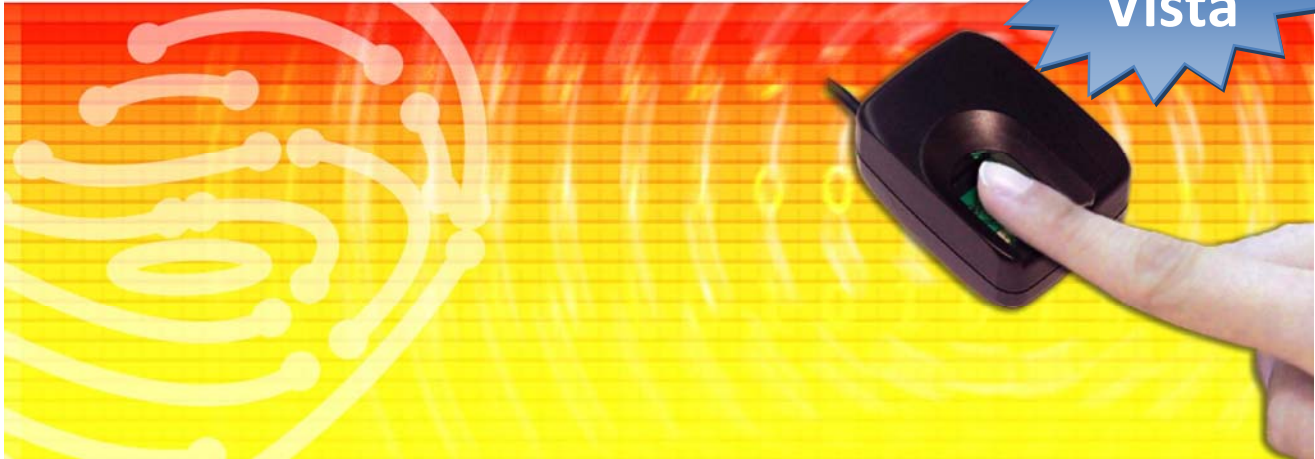# FS 80
USB 2.0 Fingerprint Scanner

**New!
Vista**

Add... Application Value

Add... More Security

Add... WAC FINGERPRINT SDK

WAC FINGERPRINT SDK Fingerprint scanner with Software Development Kit

The most suitable for beginner and professional software developer

It will be highly useful to increase security to your application; member system, time recorder system, System Logon, financial transaction and Web Application.

Free! Sample Program and Source Code

Free! Instant program for new developer - We have instant program helping you match fingerprint with original password. This facilitates using fingerprint system replace of password, barcode or Mifare card and not waste time to additional written program.

Support all popular languages - Support applications written by popular programs; VB, VC++.Net, VC#.Net, VJ#.Net, VB.Net and etc. with a sample of Source code and Web board to exchange sample program.
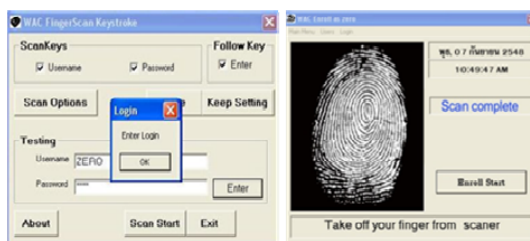
Endurable fingerprint scanner - Due to designer and special materials, this makes fingerprint scanner FS 80 be resistance to scratches, vibration and chemical.

1. Support popular languages; VB, VC++.Net, VC#.Net, VJ#.Net, VB.Net and etc. For other languages, please contact WAC RESEARCH directly.
2. Capture fingerprint from fingerprint scanner FS82
3. Extract fingerprint as Template to be used;
   - Register fingerprint template that will be stored in the database.
   - Detect fingerprint template that will be compared with registered template.
4. You can choose record fingerprint data as image file or Minute'
5. Fingerprint template comparison can match as 1 : 1 or 1 : N
6. Able to adjust fingerprint recognition accuracy : FAR & FRR
7. Able to adjust scanned fingerprint image as black on white background or white fingerprint on black background.
8. While scanning, you can choose fingerprint quality status from 1-10. For higher value means scanned fingerprint has a high quality and detect fingerprint be more accurate. This help you reduce mistaken scanning problem very well.
9. Able to connect many fingerprint scanners at the same time.
10. Function DDFE (Detect Different Finger on Enrollment process) protects using wrong finger while scanning on enrollment process. This highly provides fingerprints in the database be more accurate detection and reduces mistaken scanning.

Free!

- Enroll Program
  - User and fingerprint management in a database.

- Keyboard wedge emulator Program
  - Work with Enroll and being used instead of Barcode, Username-Password and Magnetic card. You can use it immediately without waste time to additional writing.

จับคู่ลายนิ้วมือกับรหัสด้วย
Keyboard wedge emulator

ที่หน้าเอพพลิเคชั่นของคุณ
ให้วางลายนิ้วมือบนเครื่องอ่าน
แทนการกดรหัส, บาร์โค้ด หรือบัตรแถบแม่เหล็ก

Qualification of fingerprint scanner FS 80

1. Fast verification 0.5 secs.
2. Fingerprint scanning Window make from K9 Glass and be resistance to scratches, vibration and chemical.
3. Function even under greasy, wet or stained of fingers.
4. Infrared technology, prevent disturbance from visible light.
5. Accuracy of scanning fingerprint :
   - Fault Acceptance Rate(FAR) = 1/1,000,000
   - Fault Reject Rate (FRR) = 1/100
6. Working performance detection cycle.
7. USB 2.0 compatible interface with a 2 meters standard USB cable
8. Fingerprint scanning window size is 16*24 mm.
9. Small size 45*63*26 mm.
10. Light weight, 120 gram
11. Image resolution 480x320 pixel, 500 dpi
12. Raw fingerprint image file size is 150 K byte
13. Function: Live Finger Detection (LFD) prevents fake fingers
14. 2 Infrared LEDs : green and red
15. Operation temperature: -10 + 55 °C
16. Supply Voltage: DC 4.5-5.5 V via USB port
17. OS Support : Win 98/ 2000/ME/ 2003/ XP/Vista

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