

# Futronic FS52

EBTS/F Compliant USB2.0 Fingerprint Scanner



## Description

The Futronic FS52 is a large image size USB2.0 Fingerprint Scanner from Futronic. It was certified by the FBI to be compliant with EBTS/F Image Quality Specification for single and dual Finger Reader.



The FS52 uses advanced image sensor technology and precise optical system to meet the rigorous requirement on fingerprint image quality of EBTS/F. Its fingerprint scanning window is crown glass that resists scratches and other stress to ensure long term heavy duty usage. It is a robust but cost effective single and dual finger capture device and ideal for border control, identity card, driver license, election and any type of civilian AFIS application.

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## Features and Benefits

- Unique serial number programmed into the device
- Advanced optical system
- Anti-scratching coating
- Meets the US FIPS 201
- Listed in the US GSA FIPS 201 Evaluation Program Approved Product list

## Target Applications

- Criminal identification
- National ID card
- E-passport
- Voter registration an verification
- Driving License

For any biometric scanner to capture and/or match fingerprints, biometric software is needed and does not ship with the scanner.

Please contact

**Fulcrum Biometrics Southern Africa**  
to ensure that you are compiling the best solution for your needs.

[www.fulcrumbiometrics.co.za](http://www.fulcrumbiometrics.co.za)

## Technical Specifications

Physical	Dimensions: 110 x 110 x 45mm Weight: 460g with USB cable, 380 without USB cable Operation temperature: -10 to 55 °C Detachable 2M standard USB cable ESD contact USB 2.0
Fingerprint Sensor	Scanning window: 1.6 x 1.5 inch (40.64 x 38.10 mm) Image resolution: 800 x 750 pixel, 500 DPI Image size: 600K byte Light source: Infrared LED
PC Requirements	Windows XP/Vista/8/CE, Linux, MAC OS, Android 3.1 or higher
Standards/Compliance	FBI PIV-071006, FIPS 201, PIV FAP40
Compatibility	<u>Fulcrum Biometric Framework (FbF)</u> , <u>BioIdentify</u> , <u>VeriFinger SDK</u> , <u>MegaMatcher SDK</u> , <u>Futronic SDK</u>

## Also Available

### FS53 OEM Module

The FS53 is the modular form of FS52 without shell and USB cable. It is suitable for embedded application like self-service border control kiosk, mobile voting system, etc. 3D drawing which is helpful to do the integration with this module is available upon request.

- Size, 91(L) x 89(W) x 37(H)mm
- Weight, 300 grams



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