

FIPS201/PIV Compliant USB2.0 Two Finger Scanner

BioLink
Advanced Biometric Solutions



The dual-finger optical fingerprint scanner FPS-FS50 is a professional Fingerprint Scanner with 1.6 x 1.5 inch (40.64 x 38.10 mm) scanning area. Its advanced optical system can capture a high quality image in 0.1 second. It can also handle bad fingers such as dry, wet, blurred and scarred without any problem. Its scanning window is crown glass prism with a thickness of 33mm. There is also special anti-scratching coating on the scanning surface of the prism. This makes FPS-FS50 even more robust and ensures long term heavy duty usage in any harsh environment.

The scanner can capture single finger, dual finger and roll finger image. It was certified by FBI to be compliant with PIV-071006 Image Quality Specification for Single Finger Reader, so it meets the US Federal Information Processing Standard 201(FIPS 201) for Personal Identification Verification (PIV) of Federal Employees and Contractors.

Specification

Fingerprint scanning window size is 1.6 x 1.5 inch (40.64 x 38.10 mm)

Image resolution is 800 x 750 pixel, 500 DPI

Light source: Infrared LED

Fingerprint image file size is 600K byte

USB 2.0 compatible interface, plug and play device

Unique serial number programmed to USB Device Descriptor

With 8K Byte memory for application-specific data storage

With a detachable 2M standard USB cable

ESD contact - 8KV and air discharge - 16KV, no permanent damage

Operation temperature: -10 to +55 Degree Celsius

Size 4.3x4.3x1.77 inch (110 x 110 x 45 mm)

Weight 460g with USB cable, 380g without USB cable

Application

- Criminal identification
- National ID card
- E-passport
- Voter registration



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