



FS50 FIPS201/PIV Compliant USB2.0 Two Finger Scanner

A X E Z E
Access Control Products

ANNOUNCING FS50 two finger scanner USB2.0 FIPS201/PIV Compliant !!!!



FS50 is a professional Fingerprint Scanner with 1.6 x 1.5 inch (40.64 x 38.10 mm) scanning area. The large finger scanning area can capture two flat fingerprints and rolled fingerprint - essential for law enforcement, border control and National ID applications. Its advanced optical system can capture a high quality image in 0.1 second.

It can 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 special anti-scratching coating on the scanning surface of the prism making the FS50 even more robust and ensuring long term heavy duty usage in any harsh environment.

FS50 can capture single finger, dual finger and roll finger image.

Certified by FBI to be compliant with PIV-071006 Image Quality Specification for Single Finger Reader, meeting the US Federal Information Processing Standard 201(FIPS 201) for Personal Identification Verification (PIV) of Federal Employees and Contractors. It is also listed in the US General Services Administration (GSA) FIPS 201 Evaluation Program Approved Product List (<http://fips201ep.cio.gov/apl.php>).

A unique serial number is factory-programmed into the USB Device Descriptor of each FS50. So every FS50 is traceable and this is very important for government identity management projects.

OEM (FS51) module available upon request

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

USB drivers +API for FS90 to capture a raw fingerprint image are available on the following platforms:

- Windows XP/2003, 32 bit and 64 bit.
- Windows Vista/2008, 32 bit and 64 bit.
- Windows 7, 32 bit and 64 bit.
- Linux with kernel 2.4 or higher (for both x86 and ARM9)
- Windows CE 5.0 and 6.0 (for both x86 and ARM9)
- MAC OS



APPLICATIONS

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

SPECIFICATIONS:

- 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, 110 x 110 x 45 mm
- Weight, 460g with USB cable, 380g without USB cable

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The above specifications are subject to change without notice