

Dermalog ZF1

Live Optical Finger Scanner



Description

The DERMALOG ZF1 is the smallest, optical fingerprint scanner, which fulfills all quality requirements of FBE EFTS/F and BSI TR-PDU standards for plain fingerprint quality.

High quality standards make ZF1 the perfect choice for capturing fingerprints for ePassports, ID cards or other applications. Live fingerprint detection, another highlight of the ZF1, ensures detection of fake fingers made of rubber, plastic, or other materials. Most of the optical live scanners don't have this feature. The ZF1 can also detect dry or wet fingers with best-possible quality. The ease of use and handling allows almost everyone to place the finger correctly without instruction.

Unlike other scanners that need a significant amount of storage space due to a large fingerprint capturing field, in accordance to the FBI specifications, the fingerprint image is 10KB (WSQ 1:14 compressed fingerprint image), an important feature for all RFID applications. The ZF1 helps to keep the storage on your ePassport or eID card small and more manageable.

Highest image quality and leading technical features make the ZF1 your best choice - at the best price.

Features and Benefits

- Detection of fake fingers
- Immediate fast capturing - no initialization required
- Latest high quality images - no side effects through other light sources
- Best against disturbing light - no side effects through other light sources
- Excellent quality for both dry and wet fingerprints

For any biometric scanner to capture and/or match, biometric software is mandatory - and does not ship with the scanner. Please contact sales@fulcrumbiometrics.com or call (210)257-5615 #1 to ensure you are compiling the best solution for your needs.

www.fulcrumbiometrics.com

Technical Specification

Physical	Dimensions (HxWxD): 60 x 83 x 49mm Operating temperature: -10 to +55°C
Fingerprint Sensor	Optical scanning area : 24 x 16 mm Image size: 24.4 x 16.3mm Image resolution: 480 x 320 pixels, 500 dpi, 8-bit greyscale
PC Requirements	Windows 2000, Windows XP, Linux, Android 4.0.3 or better
Certifications	FCC, CE
Standards/Compliance	GS, EC Directive 2004/108/EC, EC Directive 2006/95/EC, EC Directive 2002/95/EC, BSI-TR 03104, FBI WSQ, FIB PIV, FCC 47 CFR Part 15 Subpart B, 2009
Compatibility	Fulcrum Biometrics Framework (FbE[®]) , VeriFinger SDK and MegaMatcher SDK



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