

BAYOMETRIC

Futronic FS88

USB FINGERPRINT SCANNER



PRODUCT DESCRIPTION

Futronic FS88 is an enhanced version of the popular line of FS80 fingerprint scanners. The FS88 is compliant with FBI standards and is a listed product in the GSA FIPS 201 Evaluation Program Approved Product List. This enables the scanner to be used in applications such as criminal investigations, voter ID and National ID registrations besides being used for banking, finance and security applications. The FS 88 is available both as an independent scanner and as an OEM module which can be integrated into products.

The scanner is compatible with multiple OS platforms such as Mac, Windows, Linux and Android owing to its easy to use plug and play architecture facilitated by the USB 2.0 interface. The scanner is also extremely compact and measures 60 x 59 x20 mm and weighs just 150 grams. However the scanner has a robust build and is consistent with IP54 build standards. The scanner is equipped with Futronic's LFD (live Finger Detection) feature which is capable of identifying and rejecting fake fingerprints. This enhances the overall security and reliability of the fingerprint reader.

KEY FEATURES

- Rugged sensor
- Precise optics
- Infra-red illumination
- FIPS 201 and PIV compliant
- Suitable for mobile solutions

CONTACT

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TECHNICAL SPECIFICATIONS

Fingerprint scanning window size	16x24mm
Image resolution	480x320 pixel, 500 DPI
Image format	8 bit 256 grayscale
Raw fingerprint image file size	150K byte
Live Finger Detection (LFD)	Yes
USB Compatibility	USB 2.0 compatible interface, plug and play device
Security	Unique serial number programmed to USB Device Descriptor
Memory	16K Byte memory for application-specific data storage
Cable Length	2M standard USB cable
Dimension	66 x 66 x 29 mm
Weight	150 gram
Operation temperature	10 to +55 Degree Celsius
Compliant Standards	FIPS 201/PIV 071006 Image Quality Specification Mobile ID FAP20 Microsoft WHQL FCC and CE RoHS
Ingress Protection Rating	IP54(scanning window only)
Light source	Infrared LED
Supply voltage	DC 4.5-5.5V via USB port

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Power consumption	active <900mW(during scanning) standby <200mW(when scanner is connected PC but no scanning) sleep mode <4mW(activated by standard USB bus event only)
ESD contact	8KV and air discharge – 16KV, no permanent damage
Supported Platforms	Windows XP/2003, 32 bit and 64 bit. Windows Vista/2008/2012, 32 bit and 64 bit. Windows 7/8, 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(version 10.5, 10.6 and 10.7, Intel CPU) Android 3.1 and higher with USB Host port

ABOUT BAYOMETRIC

Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.

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