



A X E Z E

Access Control Products

FS81 USB Fingerprint Scanner Module



Overview:

With USB drivers and APIs for capturing raw fingerprint images on Microsoft Windows, Linux and Windows CE available, the FS81 Fingerprint Scanner module is an ideal solution for adding fingerprint recognition to a standalone device.

Specifications:

Fingerprint scanning window size	16x24mm
Image resolution	480x320 pixel, 500 DPI
Raw fingerprint image file size	150KB
Connector for USB connection	5 pin JST
Live Finger Detection (LFD)	Yes
Device	USB 2.0 compatible interface, plug and play
WHQL Tested	Approved for Vista 32bit and 64bit.
USB Cable size	2M standard
Dimensions	45 x 55 x 20 mm
Weight	80 gram
Operating temperature	-10°C to +55°C

Electrical characteristics:

Light Source	Infrared LED
Supply Voltage	DC4.5-5.5V via USB port
Power Consumption:	
Active	<500mW (during finger scanning)
Standby	<200mW
Sleep mode	<5mW
ESD Testing	
Contact	8KV no permanent damage
Air discharge	16KV no permanent damage

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The above specifications are subject to change without notice