Biometric Module FAS-02

The FAS-02 module is a biometric reader ideal for integration with biometric authentication systems.

Purchase Code: 500.312

• Features

The FAS-02 biometric module is ideal for OEM integration in biometric authentication systems. The FAS-02 has a high resolution optical sensor, capable of processing data at high speeds with a response time less than 1 second, ensuring high quality and efficiency. You can upload and download from the databases of the reader to the computer and vice versa. Communication protocol has a common interface for easy and rapid development.

Has a smart algorithm that uses the technology of electrostatic capacitance to distinguish between real fingers and digital counterfeit material (such as paper, rubber, silicone, etc.). The FAS02NL is a 2 part module with the circuit board behind the embedded sensor.

• Technical specifications

Power Supply	DC 5V ± 0.2 V (3.3 V DC ± 0.2 Optional)
Operating Temperature	-20°C to 55°C
Relative Humidity	< 90% (non-condensing)
Sensor Type	Optical
Resolution	500 dpi
Interface	TTL
Verification Time (1:1)	< 1 sec
Detecting fake finger	Yes
Dimensions	21 x 53 x 28 mm
FAR / FRR	< 0,1% / <0,0001%
Number of users	1000 digital
Processor	192 MHz
Encryption	SEED
Template Size	400 bytes
Consumption	Stand By: Máx. 25 μA Operating: Máx. 175 mA
Capacity Events	12.287
Image Area	16 x 19,6 mm

• Dimensions [mm]