



Biometric Module FM-30

The Biometric FM-30 module is an ideal reader for biometric integration of biometric authentication systems.

Purchase Code: 100.143

• Features

The FM-30 biometric module is ideal for integration with biometric authentication systems. Optical sensor with high resolution, capacity of processing high-speed data and time less than 1 second response, ensures high quality and efficiency. You can upload and download databases from the reader to the computer and back. Own communication protocol low and fast development.

Have intelligent algorithm that uses the technology of electrostatic ability to distinguish between real and digital some other counterfeit materials (such as paper, rubber, silicone, etc).

• Technical Specifications

Feed	DC 5V ± 0.2 V (or 0.2 V ± 3V DC)
Operating Temperature	-20°C to 55°C
Relative Humidity	< 90% (non-condensing)
Sensor Type	Optical
Resolution	500 dpi
Interface	RS-232, TTL, RS-485, Wiegand IN / OUT, GPIO
Verification time (1:1)	< 0,7 sec
Detecting fake finger	Yes
Dimensions	43 x 60 x 8 mm
FAR / FRR	< 0,1% / <0,0001%
Number of Users	6000 digital
Processor	ARM9 de 400 MHz (RISC 32 bits)
Encryption	SEED
Template Size	400 bytes
Events Capacity	12.287
Image Area	16 x 19,6 mm

• Dimensions [mm]

