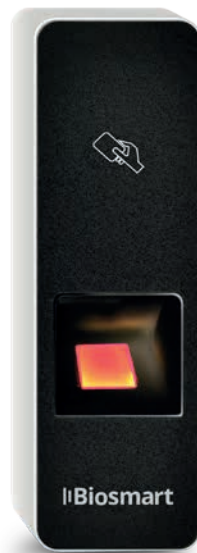


# 5M-O FINGERPRINT CONTROLLER



The 5M-O controller is designed for the identification of users using fingerprints and smart cards. It can also control a lock or a turnstile (from one side only). The 5M-O controller uses an optical fingerprint scanner that is reliably protected against scratches and spills.

## Features

- Memory capacity for up to 1000 fingerprints
- Ethernet interface available
- Parameter setting via USB or WEB interface
- Integrated card reader for proximity cards in EM Marin (125 kHz) standard
- Rigid aluminum case

## Technical Specifications

Authentication types	Biometric or card Card + biometric	Communication	Ethernet (100 BASE-T)
Users	1 000 (card only) 1000 (card + finger- print, fingerprint only)	ZFlex Relay Module support	None
Fingerprint templates	1000	WIEGAND I/O	Output, 26/32 bit
Event log capacity	25 000	Discrete inputs	1
Match time (1:1000) in local mode, by fingerprints	< 970 ms	Onboard lock control relay	12V, 1A
Verification time (1:1)	< 600 ms	Tamper detection	1 sensor – on case opening
FAR (False Acceptance Rate)	10 <sup>-4</sup> -10 <sup>-8</sup>	Power requirements	12V±15%, 0.25 A
FRR (False Rejection Rate), at FAR = 10 <sup>-5</sup> **	1%	PoE (Power over Ethernet)	None
Sensor technology	Optical	Operating temperature	0...+50°C (32 ... 122 °F)
Image size	272x320	Housing type	Aluminum, wall mount
Resolution	500 dpi	Dimensions (HxWxD)	160x50x43 mm (6.30x1.97x1.69 in)
Smart card reader	EM Marin (125 kHz)	Weight	260 g (9.17 oz)
LED indication	Tri-color (blue, red, green)	Certification	CE, RoHS2
		Warranty	3 years