

Datasheet

IEVO-MB10/50K - 2-Reader Interface Board

Product Description

The ievo Interface Board is a robust fingerprint matching system with the capacity to store either 10,000 or 50,000 fingerprint templates. It supports both the ievo ultimate™ (IEVO-U) and ievo micro™ (IEVO-M) fingerprint readers. The IEVO-MB serves as the central communication platform for integration, authentication, and data processing. It outputs Wiegand 26-44 bit or clock and data formats, making it compatible with most existing access control and time & attendance systems - *fully integrates into ATRIUM, CDVI's online access control solution.*

The board supports up to two readers, allowing for in/out access or control across two doors. It is modular and scalable, making it adaptable for your projects.

Key Features

- Up to 50,000 fingerprints matching system
- Supports 2 fingerprint readers
- 2 x Wiegand outputs
- AC/DC or PoE+ power options
- LED indication for clear operations
- Integrates into existing systems
- Manage fingerprints from our isync software

ievo



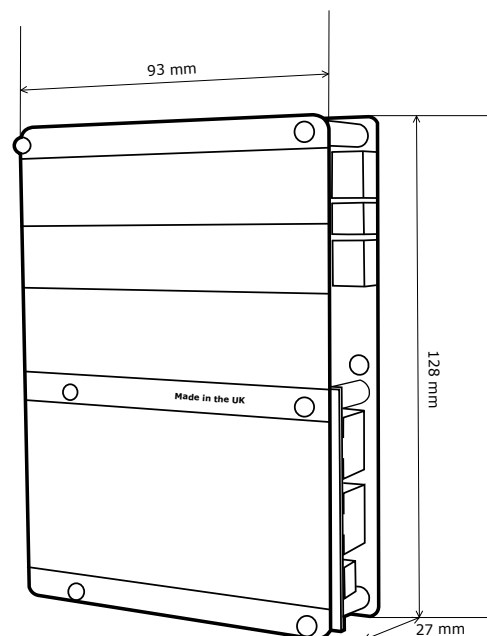
 Certification

 DEEE

RoHS Certification

Product Specifications

Technology:	Wiegand 26-, 34-, 44-bit or standalone
Output:	Clock & data, TCP + more
User limit:	10,000 or 50,000, 1:1 or 1:N
Log capacity:	200,000 rolling
Identification speed:	From 400ms (depending on database size)
Memory:	RAM & Flash: 256MB
Communication:	To Reader: RS-422 (1Mbit/s) To Network: TCP/IP (1000Mbit/s, full duplex)
CPU:	ARM @ 528MHz
Cable type:	Shielded (S-FTP) Cat5e/6 cable
FRR:	< 0.01%
FAR:	< 0.00001%
Weight:	0.173 kg



Electrical Specifications

Power input:	12-24 Vac/dc <u>OR</u> PoE IEEE 802.a (PoE+)
Consumption:	400mA - 1.6A max (head dependant)

Range References

F0109000017	IEVO-MB10K	2-reader ievo interface board, 10,000 fingerprints
F0109000018	IEVO-MB10KPOE	2-reader ievo interface board, 10,000 fingerprints (PoE)
F0109000019	IEVO-MB50K	2-reader ievo interface board, 50,000 fingerprints
F0109000020	IEVO-MB50KPOE	2-reader ievo interface board, 50,000 fingerprints (PoE)