

# Datasheet

## IEVO-MB10K,50K - Interface Module

### Product description

The ievo™ interface module is a powerful fingerprint matching system supporting ievo fingerprint readers only. It acts as the main communication platform for integration, authentication and data processing.

The board supports up to 2 readers read in/ out or across doors, and is both modular and scalable for your projects: components can be easily added, removed or replaced if necessary. The output can be converted from Wiegand to RS485 or RS422.

An optional enclosed power supply unit is available and can provide a power option for remote installations.

### Key features

- Up to 50,000 fingerprints matching system
- Supports 2 fingerprint reader units
- Dual channel Wiegand output
- AC/DC or PoE+ power options
- LED indication for clear operations
- Fully integrated with ATRIUM and some existing systems

ievo



Certification



DEEE

**RoHS**

Certification

All the information contained within this document (pictures, drawing, features, dimensions, specifications), could be perceptibly different and can be changed without prior notice. - October 2020 - CDVI\_IEVOMB10K\_DS\_01\_EN\_LETTER\_C

# Datasheet

## Product Specifications

**Output:** Wiegand 26-bit, 34-bit, 44-bit,  
Clock and data, TCP + more

**CPU:** ARM @ 454MHz or 528MHz

**Memory capacity:**

RAM & Flash 256 MB

10,000 or 50,000, 1:1 or 1:N

**Log Capacity:** 200,000 rolling

**Identification speed:** from 400ms  
(depending on database size)

**Cable to reader:** Shielded (S-FTP) Cat5e/6 cable

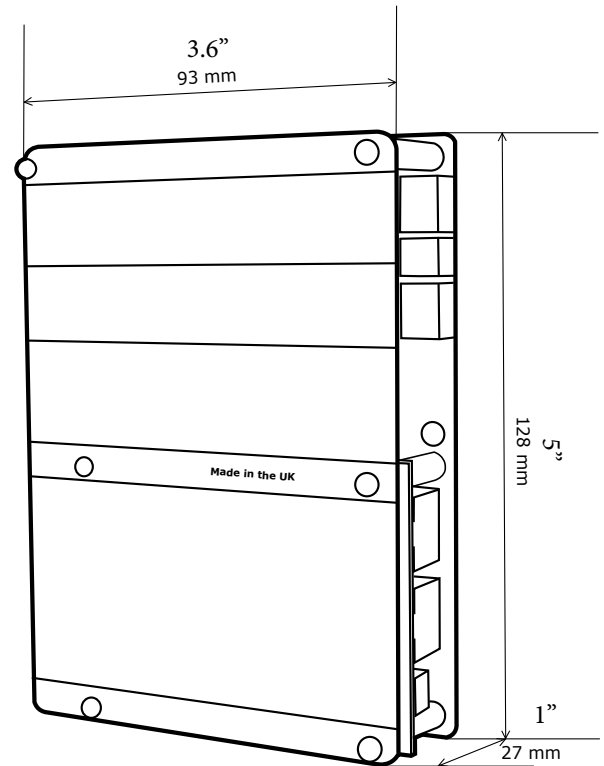
**Communication:**

To Reader: RS-422 (1Mbit/s)

To Network: TCP/IP (1000Mbit/s, full duplex)

**FRR:** < 0.01%

**FAR:** < 0.00001%



## Electrical Specifications

**Power input:** 12-24 V (AC/DC or PoE+ options)

**Current draw:** 400 mA - 1.6A max (head dependant)

