



# ievo™

biometrics evolved

## features...










- Minimalistic in design
- Great aesthetics
- Great ergonomics for ease of use
- User friendly
- Vandal resistant
- Flush or Surface mounted
- Multi spectral imaging sensor
- Long life piezo button
- LED accepted/ denied indication built into button
- Audio automated
- Internal or external use
- Thermostat heated sensor for external use
- Wiegand outputs
- One to many matching up to 8000 users
- Integrates into existing card, fob & prox systems
- Easy to install. "plug and play system"
- Small PCB design
- Can be manufactured in any custom colour
- Security fixings and mounting plates
- Easy to use interface Software
- Networkable
- SDK for integrators and Software developers
- Optional spoof detection

**ievo™** has been designed after many years of research from a team of professionals who have been at the sharp end of biometric deployment, installation and integration. This wealth of knowledge has been obtained from not only our own experiences with the shortfalls of existing technologies, but also obtaining feedback from installers and end users.

Biometrics has proven time and time again to overcome all of the security issues that card and fob systems have, however, the cost of biometric systems coupled with the reliability issues have curtailed profits and industry growth. Ievo eradicates all of these existing issues and offers a quick, simple and cost effective resolve.

**ievo™** has been designed to seamlessly integrate into existing card and fob systems by utilising the original manufacturers controllers through the use of wiegand inputs. Ievo offers installers the opportunity to offer a reliable and superior biometric product to all of its new and existing clients.

**ievo™** has combined many unique features offering a large number of outcomes and benefits. Ievo uses multi spectral imaging combined with a superior award winning algorithm offering a system that will work in very harsh environments even with problem fingerprints.

	Dry	Wet	Dirty	Elderly	High ambient light
					
Leading Competitor			No image		No image

# outcomes and benefits

## Minimalistic in design

**ievo™** researched with end users, installers and architects and found the consensus to be that a reader should be small in size to fit in with the environment it is to be placed. An access control product that is placed next to a door is always a concern. Couple this with the DDA requirements and a larger unit can be obstructive and has limited applications.

## User friendly

**ievo™** is quick, clean and an efficient access control reader which increases footfall, a must for all access control systems.

## Vandal resistant

The **ievo™** reader has no screen which is the easiest part of any reader to vandalise, it has no keypad which is also another area of concern. The **ievo™** case is manufactured in a polycarb ABS mix offering both flexibility and rigidity. Couple this with a toughened glass sensor and piezo button the **ievo™** reader will withstand a large range of attacks.

## IP rated

**ievo™** is IP rated to industry standard 65, offering a reader that can be mounted internally or externally without compromising its efficiency or reliability.

## Flush or Surface mounted

The **ievo™** reader can be flush or surface mounted offering the desired requirements for the aesthetics of its environment.

## Multi spectral imaging sensor

The **ievo™** sensor technology will obtain the finger print image through water, dust, dirt, oils, creams and even some latex gloves. An IP rated case enables **ievo™** to be used in the harshest of environments.

## Internal or external use

The **ievo™** reader comes in four choices for specification. An internal flush or surface mounted, or an external flush or surface mounted with a built in heater system which enables the reader to operate at -20°C. The **ievo™** external reader does not have to be mounted in a case or box like other leading biometric manufacturers.

## Integrates into existing card, fob & prox systems

**ievo™** has been designed to seamlessly integrate into existing card and fob systems by utilising the original manufacturers controllers through the use of wiegand inputs and outputs. **ievo™** offers installers the opportunity to offer a reliable and superior biometric product to all of its new and existing clients.

## Reader holds no data. PCB is housed internally

Most competitor biometric access control products have built in controller/relays. These can be easily removed from the wall and gain entrance by shorting the relay. This is not how a security product should work. **ievo™** reader contains no controllers or relays. **ievo™**'s matching board is housed internally, up to 5 meters away.

## Can be manufactured in any custom colour

By simply providing **ievo™** a colour RAL number we can supply you with the required number of readers to exactly match your colour. This has proven to be essential when specifying into new builds with corporate colour requirements. We will also hold a total order percentage as backup stock of your colour reader for a future add on to your system.

## Easy to use interface Software

A well communicated issue with existing biometric products and its software is due to the duplication of registration information when integrating the reader into existing systems. **ievo™** eradicates these issues and its software is not only effortless but is very quick and easy to use and compliments any existing software.



## Model numbers

**IEUK200** Surface mounted internal

**IEUK300** Surface mounted external (heater system)

**IEUK400** Flush mounted internal

**IEUK500** Flush mounted external (heater system)

CPU	ARM9	OUTPUT	WIEGAND
Memory	RAM 16MB FLASH 32MB	COMMUNICATION	TCP/IP IEVO / CONTROLLER OEM DEPENDENT
FRR	< 0.1%	OPERATING TEMP	-20 ~ 70 °C ( -4 ~ 158 °F )
FAR	< 0.00001%	IP RATING	IP 65
IDENTIFICATION SPEED	< 0.7 sec	POWER INDICATOR	LED IN PIEZO BUTTON
TEMPLATE CAPACITY	1:N 8000	CERTIFICATIONS	CE FCC (applied) RoHS
LOG CAPACITY	200,000	DIMENSIONS	SURFACE W: 76mm H: 137mm D: 91mm FLUSH W: 119mm H: 137mm Total D: 91mm Visual D: 45.5mm
VOLTAGE	12V DC		
CURRENT DRAW	< 500mA		

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