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ievo○

ievo ultimate™

FEATURES:

- Identification < 1 second
- Multispectral imaging sensor
- Thermostat heated sensor for external use
- Spoof detection
- Vandal resistant
- User friendly
- LED accepted/denied indication built into button
- Audio beep indication
- Internal and external use
- Harsh environments

- Wiegand output
- 1:N matching up to 8,000 users
- Integrates into existing card, fob & proximity systems
- Easy to install "plug and play system"
- Small PCB design
- Can be manufactured in any custom colour*
- Easy to use interface
- Networkable
- SDK for integrators and software developers

*Extra charges apply

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 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 ultimate™ 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 ultimate™ uses multispectral imaging combined with a superior award winning algorithm offering a system that will work in harsh environments and with problem fingerprints.

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BENEFITS:

BETTER IMAGE QUALITY

The **ievo**® multispectral imaging technology simultaneously reads the surface and subsurface of the fingerprint to capture clear, clean images every time - even when surface features are absent or hard to distinguish due to age, dirt, finger pressure and skin or environmental conditions. The fingerprint sensor enrols and verifies every fingerprint including those that thwart conventional sensors. Solve failure to enrol and failure to acquire issues with this fingerprint scanner that is used with **ievo ultimate**™.

LIVENESS DETECTION

Eliminate performance problems associated with conventional fingerprint sensors. The **ievo**® scanner protects against fake and spoof fingerprints by capturing detailed surface and deep tissue data. This technology allows **ievo**® to differentiate between live human fingerprints as opposed to false prints made from synthetic materials. On or off function for spoof detection.

INTERNAL OR EXTERNAL USE

The **ievo ultimate**™ has four choices for specification. An internal flush or surface mounted, or an external flush or surface mounted with a built in heater system enabling 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.

IP RATED

ievo ultimate™ is IP rated to industry standard 65 (water jets, dust tight) offering a reader that can be mounted internally or externally without compromising its efficiency or reliability.

INTEGRATES INTO EXISTING CARD, FOB & PROXIMITY SYSTEMS

ievo ultimate™ has been designed to integrate seamlessly into existing card and fob systems by utilising the original manufacturers controllers through the use of wiegand inputs and outputs. **ievo**® provides installers with the opportunity to offer a reliable and superior biometric product to both new and existing clients. **ievo ultimate**™ seamlessly integrates into other access control manufactures including; Paxton, Stanley, Nortech, ACT, BSB, Inner-Range, Honeywell, CDVI and PLAN.

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. **ievo ultimate**™ contains no controllers or relays. **ievo**®'s matching board is housed internally, up to five metres away.

IN ANY COLOUR YOU LIKE

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

An issue with existing biometric products 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 complements any existing software.

TECHNICAL DATA:

CPU	ARM9
Memory	RAM 16mb FLASH 32mb
FRR	< 0.1%
FAR	< 0.00001%
Identification Speed	< 0.7 sec
Template Capacity	1:N 8000
Log Capacity	200,000
Voltage	12v DC
Current Draw	< 600mA
Output	Wiegand
Communication	TCP/IP IEVO/ Controller OEM Dependent
Operating Temp.	-20~70°C (-4~158°F)
IP Rating	IP65
Power Indicator	LED in Piezo Button
Certifications	CE, FCC, RoHS,
Dimensions	Surface: W:76mm H:137mm D:93mm Flush: W:119mm H:153mm D:47mm recessed Visual: D: 45.5mm

MSI FINGERPRINT IMAGE QUALITY CONDITIONS:

	Dry	Wet	Dirty	Elderly	High levels of Ambient light
ievo					
Other Biometric Readers			NO IMAGE		NO IMAGE