

IEVO[®] ULIMATE[™] READER

STANLEY Security introduces ievo[®] into our access control portfolio for internal use.

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 NT500e access system and with the integral enrolment software provides a quick and easy method to add fingerprint template. ievo[®] offers STANLEY Security the opportunity to provide 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.



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
- PAC output
- 1:N matching up to 8,000 users
- Integrates into existing NT500e systems*

*Latest version 4.2 or above

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 enrolls and verifies every fingerprint including those that thwart conventional sensors. Solve failure to enroll 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.

MSI FINGERPRINT IMAGE QUALITY CONDITIONS:		
Conditions	ievo	Other Biometric Readers
DRY		
WET		
DIRTY		NO IMAGE
ELDERLY		
HIGH LEVELS OF AMBIENT LIGHT		NO IMAGE

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 NT500e SYSTEMS

ievo® has been designed to integrate seamlessly into NT500e. ievo® provides STANLEY Security with the opportunity to offer a reliable and superior biometric product to both new and existing clients. **ievo ultimate™** boosts embedded integration with STANLEY Security.

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.

TECHNICAL DATA	
CPU	ARM9
Memory	RAM 16 mb FLASH 32 mb
FRR	< 0.1%
FAR	< 0.00001%
Identification Speed	< 0.7 seconds
Template Capacity	1:N 8000
Log Capacity	200,000
Voltage	12v DC
Current Draw	< 600 mA
Output	PAC
Communication	TCP/IP
Operation Temperature	-20~70°C (-4~158°F)
IP Rating	1P65
Power Indicator	LED in Piezo Button
Certificates	CE, FCC, RoHS
Dimensions	Surface: W: 76 mm, H: 137 mm, D: 93 mm Flush: W: 119 mm, H: 153 mm, D: 47mm recessed Visual: D: 45.5 mm