



**BIG BROTHER**<sup>®</sup>  
Security and technology you can trust

**ievo**

## Product Datasheet



# ievo<sup>®</sup> USB desktop readers

### FEATURES:

- Durable high performance use
- Timing placement to image 1.0 - 1.3 seconds (typical)
- 500 dpi image resolution
- Requires minimal maintenance
- User friendly & compact design
- Aids training and reduces registration time
- USB 2.0

### MAKING REGISTRATION SIMPLER

The **ievo<sup>®</sup> USB desktop registration units** are a fast, accurate and simple way of introducing biometrics into your environment.

By using either the **ultimate<sup>™</sup> USB desktop reader** or **micro<sup>™</sup> USB desktop reader** instead of the product itself for registering users, enrolment becomes a quick and simple process, especially when a high volume of users will be using the system on site.

You will be able to simultaneously train and inform users about how the system works, as well as monitor user profiles at your own convenience. By simply connecting the desktop registration unit via USB into your computer, you will be able to instantly connect to the **ievo<sup>®</sup>** software that links to the database that stores users templates. From here, you will be able to easily add and remove users as well as update and control their access plans.

In conjunction with the **ievo<sup>®</sup>** End User Guide that you will receive with the **ultimate<sup>™</sup>** and **micro<sup>™</sup>** products, this could save you both time and money in the long run. If users are not trained correctly or are unaware of how to operate the biometric reader, this could incur additional site visits from your security provider. However, if you ensure that users are up to speed on the process of finger placement and timing, you will be able to seamlessly transition from your current system to an **ievo<sup>®</sup>** one.

***“When registering users on the ievo<sup>®</sup> access control system, I invested in a registration unit to save myself time and money in the long run. I have numerous sites that are using ievo<sup>®</sup> and this has been incredibly beneficial.”***

Craig White, Technical Sales Manager,  
Phoenix Eye Security

Read overleaf to see which registration unit you should be using and also further technical information on the systems.



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## BENEFITS:

### SAVE TIME & MONEY REGISTERING USERS

By using the **ievo® USB desktop sensors** instead of the **ievo®** products for registering users, enrolment becomes a quick and simple process, especially when a high volume of users will be using the system on site. You will be able to simultaneously train and inform users about how the system works. This could save your business time and money by reducing installation time and future call-outs.

### ULTIMATE USB READER

The multispectral imaging technology (MSI) used in the **ievo ultimate™** reader and the **ultimate™ USB desktop reader** 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. This USB sensor can be used to register fingerprints on *both* the **ultimate™** and **micro™** readers.

### MICRO USB READER

The **ievo micro™** superior optical sensor technology will successfully scan the fingerprint image through low levels of creams and powder on the skin and even some types of latex gloves. The **micro™ USB desktop sensor** uses the same fingerprint sensor therefore performs to the same standard. You can only use the **micro™ USB sensor** with the **micro™** fingerprint reader and *not* the **ultimate™**. This is because the platen or fingerprint sensor area is smaller on the **micro™**.

### EASE OF INTEGRATION

The **USB desktop readers** are small, lightweight and equipped with USB interface that easily integrates with existing systems. Together with the **ievo®** software our products can be seamlessly integrated into other access control solutions including; Paxton, Stanley, Nortech, ACT, BSB, Inner-Range, Honeywell, CDVI and PLAN.

### ULTIMATE™ USB TECHNICAL DATA:

Image Resolution	500 dpi
Platen Size	17.8 x 28mm (ellipse)
Dimensions	W: 83mm / 3.25" L: 100mm / 3.95" H: 59mm / 2.31"
Power Supply Voltage/Current	+5 VDC 500mA (max)
Image Outputs	ANSI 381 Compliant
Template Outputs	ANSI 378 Compliant, Minex Certified
Timing Placement to Image	1.0 Seconds (Typical)
Interfaces	USB 2.0
Housing	ABS

### MICRO™ USB TECHNICAL DATA:

Image Resolution	500 dpi
Platen Size	17.4 x 13.9mm (rectangular)
Dimensions	W: 47mm / 1.85" L: 78mm / 3.07" H: 52mm / 2.05"
Power Supply Voltage/Current	+5 VDC 400mA (max)
Image Outputs	ANSI 381 Compliant
Template Outputs	ANSI 378 Compliant Minex Certified
Timing Placement to Image	1.3 Seconds (Typical)
Interfaces	USB 2.0

### MSI FINGERPRINT IMAGE QUALITY CONDITIONS:

	Dry	Wet	Dirty	Elderly	High levels of Ambient light
<b>ievo ultimate™</b>					
<b>Other Biometric Readers</b>			NO IMAGE		NO IMAGE

To find out more, visit: [www.bigbrotherallsecurity.com](http://www.bigbrotherallsecurity.com) email us at: [sales@bigbrotherallsecurity.com](mailto:sales@bigbrotherallsecurity.com) or give us a call on: **0844 504 0351**