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## Product Datasheet



# ievo Desktop Reader

### FEATURES:

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

### UNDERSTANDING THE TECHNOLOGY:

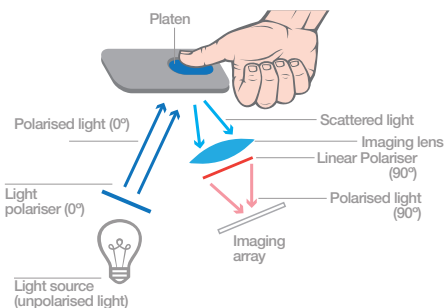
The **ievo** desktop reader registration unit is a fast, accurate and simple way of managing fingerprint registration. Designed as a supporting component to work in parallel with **ievo ultimate™** and/or **ievo micro™** devices, it takes away the need to enrol users via an active, or in use, product – essential in situations with a high volume of system users.

Once connected to a computer (via USB) and the **ievo** software (provided) has been installed, administrators can register, amend, or remove user profiles (including access permissions). The **ievo** registration software can be integrated into other security system databases, matching user fingerprint templates with existing user profiles.

Registering new users on the system acts as an introduction to biometrics, as administrators will be able to simultaneously train and inform new users about how the system works. Understanding the system is vital in ensuring smooth and efficient use of the biometric solution.

*“When registering users on the **ievo** 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** and this has been incredibly beneficial.”*

Craig White, Technical Sales Manager,  
Phoenix Eye Security





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**BENEFITS:**

**Enhanced Image Quality:**

The **ievo** USB reader uses multispectral imaging (MSI) technology to capture a highly accurate reading of a fingerprint. Scanning both surface and subsurface levels of the skin simultaneously, up to a depth of 4mm, the technology uses multiple polarised and non-polarised lights to register between 1-100 reference points to build a true digital image (the average number of reference points for a good image is 40). The MSI process allows the reader to operate through a variety of most skin or environmental conditions that may otherwise hinder an accurate reading (Fig.1).

**Efficient Registration Process:**

Using the **ievo** USB desktop reader provides a simple and efficient tool for registering user fingerprints. Saving vital time and resources along with providing consistency in operation.

**Easy to Use Interface Software:**

**ievo** believe that integration is very important and as such offer an easy to use registration software package that can work as a standalone registration process or can be integrated into an existing registration software package. For more information on integrating software please contact our sales team.

**Seamless Integration:**

The USB desktop reader itself is small and lightweight, equipped with USB interface that can easily integrate with most existing systems. Together with the **ievo** software, **ievo** fingerprint readers can be seamlessly integrated into a host of access control systems including; Paxton, Stanley, Honeywell and Nortech. For a full list of access control system providers that **ievo** work with please contact our sales team.



**TECHNICAL DATA:**

Image Resolution	500 dpi
Platen Size	0.7" x 1.1" ellipse
Dimensions	W:3.25" / 83mm L:3.95" / 100mm H:2.31" / 59mm
Power Supply Voltage/Current	+5 VDC 500mA (max) Approved USB interface
Template Size	1.4kB
Template Storage	AES (256bit)
Timing Placement to Image	1.0 Seconds (Typical)
Interfaces	USB 2.0
Housing	ABS

MSI FINGERPRINT IMAGE QUALITY CONDITIONS (Fig.1)

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

To find out more, visit:

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