



# ievo<sup>®</sup>

## Desktop Reader

### PAC ievo Desktop Reader

#### Key Features:

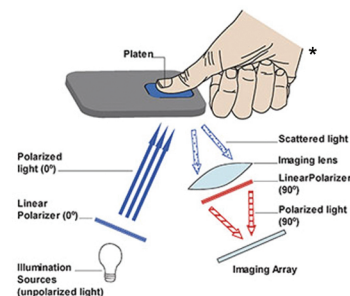
- Durable high performance use
- Spoof detection feature which protects against potential threats
- Expansive operating range -10 to 50 C, wet or dry
- Operating Humidity at 0-100% Condensing
- Timing placement to image 1.0 Seconds (Typical)
- 500 dpi image resolution
- Requires minimal maintenance
- User friendly & Compact design
- Aids training and reduces registration time

You can purchase the multispectral desktop sensor in order to aid registration at installation sites. It could save you time and money spent registering users and training them how to understand and use the *ievo*<sup>®</sup> system. This desktop sensor can be used for both ultimate<sup>™</sup> and micro<sup>™</sup>. Heres how the technology works.

Multispectral imaging uses special lights that scan below the surface of the skin as well as the top layer. This produces an incredibly reliable image of the fingerprint.

The basic operation of the multispectral sensor itself is straightforward. The sensor consists of two main components: a light source, which provides the light to illuminate the finger resting on a platen; and an imaging system, which images this region of the platen onto a digital imaging array. While these components are similar to those of a conventional optical fingerprint sensor, the configuration of the multispectral sensor is uniquely designed to avoid the optical phenomenon of total internal reflectance (TIR) because it depends on unobstructed and complete contact between the fingerprint sensors and the platen to work.

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



## Outcomes and Benefits

### Perfect Image Quality

The multi-spectral imaging technology used in *īevo*® products 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 enrol (FTE) and failure to acquire (FTA) issues with this fingerprint scanner.

### Innovative Liveness Detection

Eliminate performance problems associated with conventional fingerprint sensors. The *īevo*® desktop scanner protects against fake and spoof fingerprints by capturing detailed surface and deep tissue data. Using the biometric industry's best liveness detection technology, you are provided with the most secure and accurate sensor available. See figure 1.

### Performance Driven Technology

The fingerprint sensor used in *īevo*® outperforms other sensors by improving your application's throughput, accuracy, speed and security. Management hassles and end user frustration could be eliminated by delivering the high-quality images you expect...everytime

### Ease of Integration

The sensors themselves are small, lightweight and equipped with multiple communication interfaces that easily integrate with existing systems. Together with the *īevo*® software our products can be seamlessly integrated into other access control manufactures including; Paxton, Nortech, ACT, BSB, Inner-Range, CDVI and PLAN

### Save Time and Money Registering Users

By using the *īevo*® desktop sensor instead of the unit itself for registering users, enrolment becomes a quick and simple process, especially when a high velocity 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 visiting the installation site in future because users are not using the system correctly.

Figure 1\* - Spoofs created from various materials



## Technical Data

Image Resolution	500 dpi	Power supply voltage/current	+5 VDC 500mA (max)
Operating Temperature	-10 to 50 °C (14 to 122 °F)	Image Outputs	ANSI 381 Compliant
Operating Humidity	0-100% Condensing	Template Outputs	ANSI 378 Compliant, Minex Certified
		Timing placement to image	1.0 Seconds (Typical)
Platen Size	0.7" x 1.1" ellipse	Interfaces	USB 2.0
Overall Dimensions	3.25" W x 3.95" L x 2.31" H 8.3cm x 10cm x 5.9cm	Housing	Painted magnesium alloy