

# U.are.U® Fingerprint Keyboard

## USB Fingerprint Keyboard



### Target Applications

- Desktop PCs
- Point-of-sale terminals

### Keyboard Features

- 104 keys
- 11 hotkeys (5 programmable)
- Compatible with Windows® 7, Vista, XP Professional, 2000 and Windows Server 2000, 2003 and 2008

### Keyboard Language

- English (North American)
- Custom language keyboards are available with minimum order quantities

### U.are.U Fingerprint Reader Features

- Optical imaging technology
- Excellent image quality
- Superior ESD resistance
- Encrypted fingerprint data
- Latent print rejection
- Counterfeit finger rejection
- Rotation invariant
- Rugged
- Works well with dry, moist or rough fingerprints
- Fast data transmission
- Plug-and-Play USB interface



### Product Description

The U.are.U Fingerprint Keyboard is a Windows-compatible 104-key keyboard with a built-in U.are.U Fingerprint Reader. The keyboard is ideal for networked office environments and e-commerce applications where the convenience and security of fingerprint authentication is desired.

The integrated U.are.U Reader uses optical technology to achieve excellent image quality, a large capture area and superior reliability. Even the hardest-to-read fingerprints are captured accurately and quickly, regardless of placement angle. The user simply places their finger on the glowing reader window, and the reader quickly and automatically scans the fingerprint. On-board electronics calibrate the reader and encrypt the scanned data before sending it over the USB interface. Since the finger touches a plastic surface, the danger of damage by electrostatic discharge is eliminated.

The U.are.U Fingerprint Keyboard works with DigitalPersona enterprise and developer software products. This ergonomic keyboard with built-in fingerprint reader is a cost-effective option for desktop users that eliminates having to attach two USB devices; keyboard and fingerprint reader.



### System Requirements

Port: One USB 1.1 or higher compatible port

Operating Systems: Windows 7, Vista, XP Professional, 2000 and Server 2000, 2003 and 2008

System Processor: Pentium or higher

### Keyboard Dimensions

498 mm x 257 mm x 65 mm

6.5 foot cable length

1 Kg total weight

### Environmental Ratings

**Temperature** 0 - 40 C (operating)

-10 - 60 C (storage)

**Humidity** 20% - 80% non-condensing (operating)

20% - 90% non-condensing (storage)

**ESD Susceptibility** > 8KV

### Fingerprint Keyboard Specifications

**Power Requirements** 5V  $\pm$ 0.25V (supplied by USB interface)

300 mA (maximum)

**USB Specifications** Full Speed USB Device

Must be plugged into PC's USB port or into a self-powered USB hub (a self-powered hub that includes an external adapter)

**Fingerprint Reader Pixel Resolution** 512 dpi (average x and y over image area)

**Fingerprint Reader Image Capture Area** 14.6 mm (horizontal) x 18.2 mm (vertical)

### Compliance Certifications

**Regulatory** FCC Part 15, Class B

CE EN50082-1, EN50081-2, EN55022, Class B, ESD: IEC1000-4-2 Level 2

RoHS

**Windows** WHQL 2000, Server 2003 and 2008, XP Professional, Vista (International)

**Device** USB 2.0

*Data subject to change without notice.*



**DigitalPersona, Inc.**  
720 Bay Road  
Redwood City, CA 94063  
USA

Tel: +1 650.474.4000  
Fax: +1 650.298.8313  
E-Mail: [info@digitalpersona.com](mailto:info@digitalpersona.com)  
Web: [www.digitalpersona.com](http://www.digitalpersona.com)

© 2010 DigitalPersona, Inc. All rights reserved. DigitalPersona, and U.are.U are trademarks of DigitalPersona, Inc. registered in the U.S. and other countries. All other brand and product names are trademarks or registered trademarks of their respective owners. MC-015-032310