



digitalPersona.

DigitalPersona® U.are.U® 4000B Reader USB Fingerprint Reader



Product Description

The **U.are.U 4000B** is a USB fingerprint reader designed for use with DigitalPersona's enterprise software applications and developer tools.

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.

DigitalPersona products utilize optical fingerprint scanning technology for superior quality and product reliability. The **U.are.U 4000B** Reader and DigitalPersona fingerprint recognition software engine have an unmatched ability to recognize even the most difficult fingerprints.

Applications

- Desktop PC security
- Mobile PCs
- Custom applications
- Home and office use

Features

- Small form factor
- Excellent quality
- Encrypted fingerprint data
- Latent print rejection
- Counterfeit finger rejection
- Rotation invariant
- Rugged
- Works well with dry, moist, or rough fingerprints
- Compatible with DigitalPersona Pro and Integrator products
- Compatible with Windows® XP, 2000, Me, 98, NT 4.0 and Windows Server 2000, 2003

Key Specifications

- Pixel resolution:
 - 512 dpi (average x,y over the field)
- Scan capture area:
 - 14.6 mm (nom. width at center)
 - 18.1 mm (nom. length)
- 8-bit grayscale (256 levels of gray)
- Reader size (approximate):
 - 79 mm x 49 mm x 19 mm
- Compatible with USB 1.0, 1.1 and 2.0 (Full Speed) specifications

Representante Autorizado:

SignTech

Tel: (571) 347 2021 Fax: 249 0415

Bogotá, Colombia

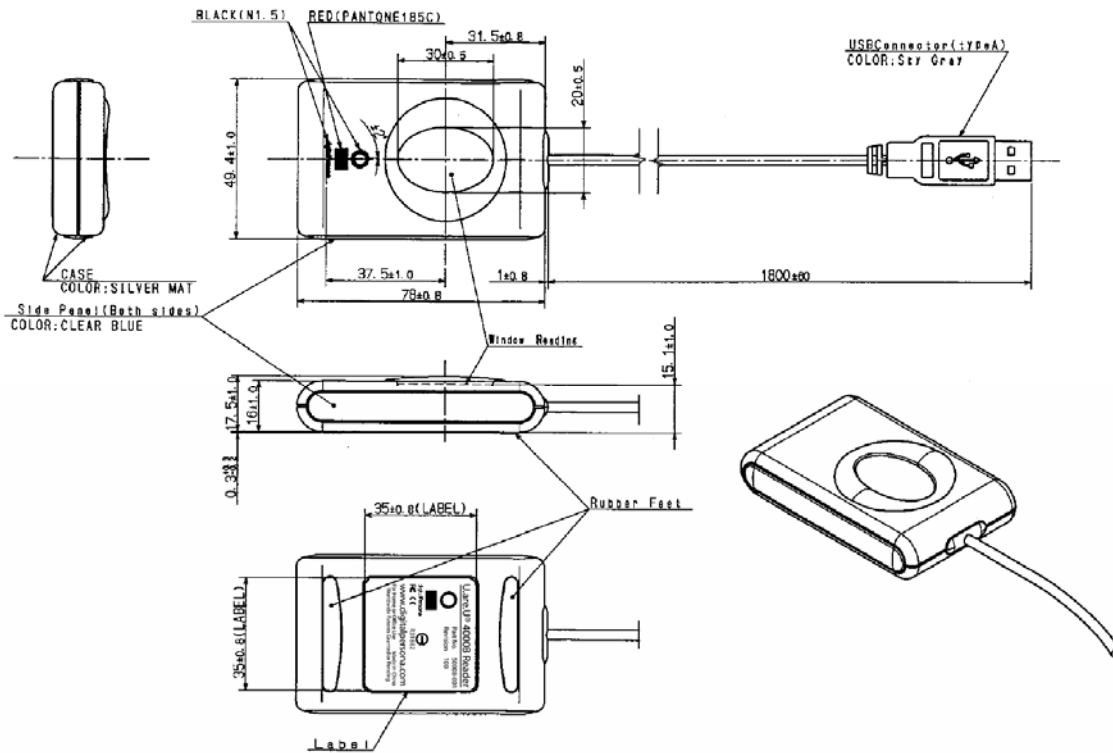
Info@signtechbiometric.com - www.signtechbiometric.com

Part number	Description
50008-001	DigitalPersona USB Fingerprint Reader

Ratings

Supply Voltage	5.0V ±5% supplied by USB
Supply Current – scanning	190 mA (Typical)
Supply Current – idle mode	140 mA (Typical)
Supply Current – suspend mode	1.5 mA (Maximum)
ESD Susceptibility	>15 kV, mounted in case
Temperature, Operating	0 - 40 C
Humidity, Operating	20% - 80% non-condensing
Temperature, Storage	-10 - 60 C
Humidity, Storage	20% - 90% non-condensing
Scan data	8-bit grayscale
Standards Compliance	FCC Class B, CE, ICES, BSMI, MIC, USB

Mechanical Specification:



Data subject to change without notice.
DigitalPersona, 720 Bay Road, Suite 100, Redwood City, CA 94063 USA
Tel: +1 650 474-4000 Fax: +1 650 298-8313
www.digitalpersona.com E-mail: sales@digitalpersona.com
MC-032-042005

© 2005 Digital Persona, Inc. All Rights Reserved. DigitalPersona and U.are.U are registered trademarks of Digital Persona, Inc. All other trademarks are the property of their respective owners.