HID®

DigitalPersona®
4500 Reader

APPLICATIONS

• Desktop PC security

• Mobile PC security

• Custom applications

OPTICAL USB FINGERPRINT READER

The DigitalPersona 4500 fingerprint reader is a USB peripheral perfect for individual desk top users, as well as multiple users in shared environments. Its compact design conserves desk space in enterprises, and its professional, modern appearance looks elegant in point-of-sale environments. The DigitalPersona 4500 Reader utilizes optical fingerprint scanning technology to achieve excellent image quality, a large capture area and superior reliability. A silicone coating allows it to read a wide range of fingerprints accurately and rapidly regardless of placement angle. The high-quality metal casing resists unintentional movement.

To use, simply place a finger on the reader window and the reader quickly and automatically captures and encrypts the fingerprint image before sending it to the DigitalPersona® FingerJet™ biometric engine for verification. For superior user feedback, a red "flash" indicates that a fingerprint image has been captured.

The DigitalPersona 4500 fingerprint reader is designed for use with a full range of software including our authentication solutions, as well as most of our DigitalPersona Software Development Kits. Whether you are an enterprise customer or a system integrator, DigitalPersona's biometric identity verification solutions provide a natural extension to your security system and applications.

HID

FEATURES

- Blue LED
- Small form factor
- 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
- Compatible with DigitalPersona SDKs for Windows®, Linux® and Android®

SPECIFICATIONS

Product Name	**DigitalPersona® 4500 Reader**
Supply Voltage	5.0V ±5% supplied by USB
Supply Current—scanning	< 100 mA (Typical)
Supply Current—idle mode	120 mA (Typical)
Supply Current—suspend mode	< 0.5 mA (Maximum)
ESD Susceptibility	>15 kV, mounted in case
Temperature, Operating	0 - 40 C
Humidity, Storage	20% - 90% non-condensing
Scan Data	8-bit grayscale
Pixel Resolution	500 dpi
Standards Compliance	FCC Class B, CE, ICES, BSMI, MIC, USB, WHQL
Weight	105 grams
Interface	USB 2.0 Full-speed High Power Device

Data subject to change without notice

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