

HID DigitalPersona® 4500 Reader

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 Biometric 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.



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

APPLICATIONS:

- Desktop PC security
- Mobile PC security
- Custom applications

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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	48-bit grayscale
Encryption	Proprietary 32-bit polynomial encryption with rolling key
Pixel Resolution	512 dpi
Standards Compliance	FCC Class B, CE, ICES, BSMI, MIC, USB, WHQL
Weight	FCC Class B, CE, ICES, BSMI, MIC, USB, WHQL
Interface	USB 2.0 Full-speed High Power Device

Data subject to change without notice.

For more information, please [click here](#).



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +44 1440 714 850

Asia Pacific: +852 3160 9800 | Latin America: +52 (55) 9171-1108

For more global phone numbers click here

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2021-07-23-eat-digitalpersona-4500-reader-ds-en PLT-04485

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