HID®

DigitalPersona®
5300 Reader

FIPS 201/PIV, FAP 30 CERTIFIED USB FINGERPRINT READER

The HID DigitalPersona® 5300 is a compact optical single fingerprint reader meeting both FIPS 201/PIV and FBI Mobile ID FAP 30 standards. The reader is designed to meet the high-volume requirements of large-scale Civil ID and commercial enrollment and authentication applications. Incorporating a durable IP64-rated glass platen that is also highly resistant to chemical and physical damage, the DigitalPersona 5300 is well suited for harsh environments.

The reader rapidly captures and produces fingerprint images at 500 dpi resolution in ANSI and ISO/IEC standard formats. On-board electronics automatically control calibration and data transfer over the USB interface. The DigitalPersona 5300 can be used with any standards-compatible fingerprint template extractor or matcher, including the DigitalPersona FingerJet™ Biometric Engine. The DigitalPersona 5300 and the FingerJet Biometric Engine provide an unmatched ability to authenticate even the most difficult fingerprints accurately and rapidly.

APPLICATIONS

Enrollment and authentication for:

- Voter registration
- National ID
- Benefits entitlement
- Microfinance and healthcare
- Network and application access

FEATURES

- FIPS 201/PIV certified
- Mobile ID FAP 30 certified
- 500 dpi images
- Compact size
- Counterfeit finger rejection
- Compatible with DigitalPersona SDKs

SPECIFICATIONS

Product Name	**DigitalPersona® 5300 Reader**
Dimensions	86mm L x 53mm W x 31mm H (+/-0.5mm)
Scan Capture Area	20.32 mm x 25.4 mm
Pixel Resolution	500dpi
Supply Voltage	5.0V ±5%
Supply Current—scanning	< 150 mA (Typical)
Supply Current—idle mode	< 40 mA (Typical)
Supply Current—suspend mode	< 0.5 mA (Maximum)
Temperature, Operating	-10 - 50 C
Humidity, Operating	0% - 90% non-condensing
Temperature, Storage	-20 - 55 C
Humidity, Storage	0% - 90% non-condensing
Scan Data	8-bit grayscale (256 gray levels)
Top Surface	IP64-rated seal between top case and glass surface*
Interface	USB 2.0 High Speed
Weight	245 grams
Standards Compliance	FIPS 201 PIV, Mobile ID FAP 30, RoHS, UL, USB, WEEE
ESD	IEC61000-4-2 Level 4

Data subject to change without notice.

*IP64 rating is for the seal between the top case and the glass imaging window. Devices containing the embedded module must seal the module top case to their chassis or housing to extend the IP64 protection to the device.

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 5081 1650