HID DigitalPersona 5200 Fingerprint Module

FBI PIV, FAP 20 Certified USB OEM Fingerprint Module

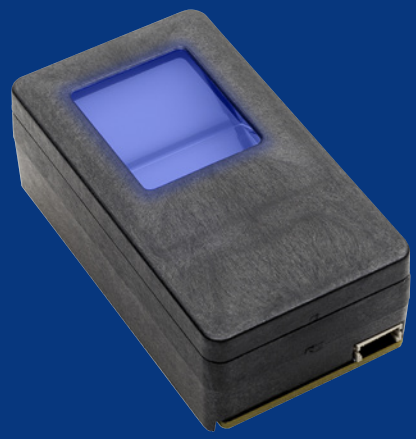
The HID Global DigitalPersona 5200 Module is a FIPS 201/PIV and FBI Mobile ID FAP 20 OEM fingerprint module, ideal for high volume, large-scale Civil ID and commercial applications. Its IP64 rated glass platen makes it highly resistant to chemical and physical damage.

The DigitalPersona 5200 Fingerprint Module is certified for both FBI PIV and FBI Mobile ID FAP 20 standards. It produces 500 dot-per-inch (dpi) fingerprint images in ANSI and ISO/IEC standard formats. The hard glass imaging window is sealed against dust and liquids (IP64) and is highly resistant to chemical and physical damage. On-board electronics automatically control calibration and data transfer over the USB interface. Its compact size and convenient mounting features simplify OEM integration.

This self-contained module optically scans the fingerprint when the user touches the glass imaging window. The DigitalPersona 5200 Module can be used with any standards-compatible fingerprint templates extractor or matcher — including the DigitalPersona FingerJet Biometric Engine.

EASY INTEGRATION

The DigitalPersona 5200 Fingerprint Module is designed for use with a full range of DigitalPersona Software Development Kits from HID. Easy to program and integrate, the DigitalPersona SDK runtime environment is free to distribute with customer applications. Whether you are an OEM or system integrator, HID's biometric identity verification solutions provide a natural extension to your applications.



FEATURES:

- FBI PIV & Mobile ID FAP 20 certified
- Fine-grained power control
- Blue platen illumination
- 500 dpi images
- High-durability glass top surface
- IP64-rated top surface sealed against dust and liquid
- Counterfeit finger rejection
- Compatible with DigitalPersona SDKs

APPLICATIONS:

ID Verification for:

- Civil ID/Voting/Entitlement Services
- Microfinance and Healthcare
- Mobile ID Terminals

Product Name	**DigitalPersona® 5200 Module**	
Dimensions	Module size (approximate): 63 mm (l) x 35 mm (w) x 22 mm (h)	
Pixel Resolution	500 dpi	
Scan Capture Area	20.3 mm x 15.2 mm	
Supply Voltage	5.0V ±5%	USB
Supply Current - Scanning	< 150 mA (Typical)	Pin 1: +5V
Supply Current - Idle Mode	< 40 mA (Typical)	Pin 2: Ground
Supply Current - Suspend Mode	< 0.5 mA (Maximum)	Pin 3: Shield
Operating Temperature	-10-50 C	Pin4: D-
Operating Humidity	0%-90% non-condensing	Pin5: D+
Storage Temperature	-20° - 55° C	
Storage Humidity	0% - 90% non-condensing	
Scan Data	8-bit grayscale	
Top Surface	IP64-rated seal between top case and glass surface*	
Interface	USB 2.0 High Speed	
Weight	40 grams	
Standards Compliance	FIPS 201 PIV, Mobile ID FAP 20, RoHS, REACH, FCC, UL, USB, WEEE Class B, CE, ICES, BSMI, MIC, BSI, WHQL	

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.

For more information, please click here.

HID
hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +353 (91) 414060
Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108
For more global phone numbers click here

© 2026 HID Global Corporation/ASSA ABLOY AB. All rights reserved.
2026-07-22-bio-digitalpersona-5200-module-ds-en PLT-04509
Part of ASSA ABLOY