

DigitalPersona[®] 5200 Module



APPLICATIONS

ID Verification for:

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

FEATURES

- FIPS 201 PIV certified
- Module ID FAP 20 certified
- Low power consumption
- Fine-grained power control
- Compact size
- Blue platen illumination
- 500 dpi images
- High-durability glass top surface
- IP64-rated top surface sealed against dust and liquid
- High-quality fingerprint image
- Counterfeit finger rejection
- Compatible with DigitalPersona SDKs for Windows[®], Linux[®] and Android[®]

FIPS 201 PIV, FAP 20 CERTIFIED USB FINGERPRINT MODULE

The DigitalPersona[®] 5200 Fingerprint Module is certified for both FIPS 201/PIV and FBI Mobile ID FAP 20 standards. It produces 500 dots-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.

The DigitalPersona 5200 Fingerprint Module is designed for use with a full range of DigitalPersona Software Development Kits from HID Global. 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.

SPECIFICATIONS

| | | |
|--------------------------------------|---|---------------|
| Product Name | DigitalPersona® 5200 Module | |
| Dimensions | Module size (approximate): 67 mm (l) x 41 mm (w) x 27 mm (h) | |
| Pixel Resolution | 500 dpi | |
| Scan Capture Area | 20.32 mm x 25.4 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 30, 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.



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