



PIV-Pro gives you what BIO-key is known for — **the highest quality in fingerprint biometrics**



PIV-Pro™

FIPS 201 (PIV) Compliant Designed with The Highest Levels of Durability and Image Quality

Designed for FIPS 201 (PIV) applications, BIO-key PIV-Pro is a highly accurate optical USB fingerprint reader that provides best-in-class biometric fingerprint authentication for anyone looking for a rugged, corded scanner that provides the highest level of image quality.

Backed by years of field use and proven reliability under harsh environments, PIV-Pro provides exceptional performance and security in physical and logical access control, personal identity verification, national ID programs and more.

PIV-Pro fingerprint readers are extremely rugged and virtually indestructible. With its ultracompact, patented optical design, the IP54-Certified PIV-Pro consistently delivers high-quality images with great precision, less false rejection and acceptance, and better overall performance.

Enterprise Capabilities

When used with BIO-key's PortalGuard or WEB-key solutions, features such as Active Directory integrations, SAML 2.0 and OAuth support, as well as other authentication modalities can be supported.

BIO-key's software solutions allow enterprises to fully utilize PIV-PRO for biometric fingerprint authentication across devices, servers, and applications.

Contact Us to Learn More
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Why PIV-PRO?

- Perfect for desktops and docking stations
- Compact, lightweight, and portable design
- Fast recognition and high-quality imaging of difficult fingerprints in challenging environments
- FBI-Certified (PIV, FIPS 201, Mobile ID FAP 20 Compliant)
- IP54-Certified for dust and water-resistance
- STQC-Certified for AADHAAR/UIDAI applications
- Biometric data receives the highest level of scanner encryption available
- Meets US and International biometric standards
- Cost-efficient alternative to expensive readers
- Enhance security and convenience in one
- Durable design for commercial use
- Presentation attack detection (PAD) to reject fake fingerprints
- Latent print rejection
- Compatible with BIO-key's PortalGuard and WEB-key solutions to enable biometric authentication to any device, server or app

Applications

- Law Enforcement and Public Security
- Border Control, Travel, and Migration
- Healthcare
- Civil Identification
- Voter Registration
- Banking
- Physical and Logical Access



Product Specifications

Product Name	PIV-Pro 20
Sensor Technology	SecuGen U20-A™
Sensor Capture Area (mm)	15 x 20 mm
Image Resolution	300 x 400 px / 500 dpi
Supply Voltage	5.0 V
Imaging Power Consumption/Max Current	130 mA
Platen Color / Light Source	Green LED
Platen Size	18.2 mm x 22.9 mm
Effective Sensing Area	15.24 mm x 20.32 mm
Smart Capture Speed	0.2 ~ 0.5 seconds
Features (when used with SecuGen Pro SDKs)	Auto-On, Smart Capture, 260 Degree Fingerprint Rotation
Image Gray Scale	256 levels (8-bit)
Biometric Standards/Specs	INCITS 378, ISO/IEC 19794-2, 19794-4, FIPS 201, FBI PIV & Mobile ID FAP 20, NIST MINEX, WSQ
Connection	Micro USB 2.0 full speed
Dimensions	53.9 x 58.5 x 31.6 mm
Weight	98 g
Cable Length	1500 mm
Operating Temperature	-20° ~ 65° C
Operating Humidity	90% noncondensing, max
USB Interface	2.0 Hi-Speed
Dust/Water Resistance	IP54 Certified
Mobile ID FAP 20	Compliant
STQC for AADHAAR/UIDAI application	Certified
Compliance/Certification	FCC, CE, KC, RoHS, CB, WEEE, USB 2.0, WHQL
Warranty	One year limited
Supported OS	Windows Server 2016/2012/2008 R2 Android 3.1+, Linux



About BIO-key International

BIO-key is a trusted provider of Identity and Access Management (IAM) and Identity-Bound Biometric solutions that enable convenient and secure access to device, information, applications, and high-value transactions for over 1,000 customers around the world. BIO-key offers the simplicity and flexibility required to secure modern digital experience for the workforce, customers, and the IT department.