

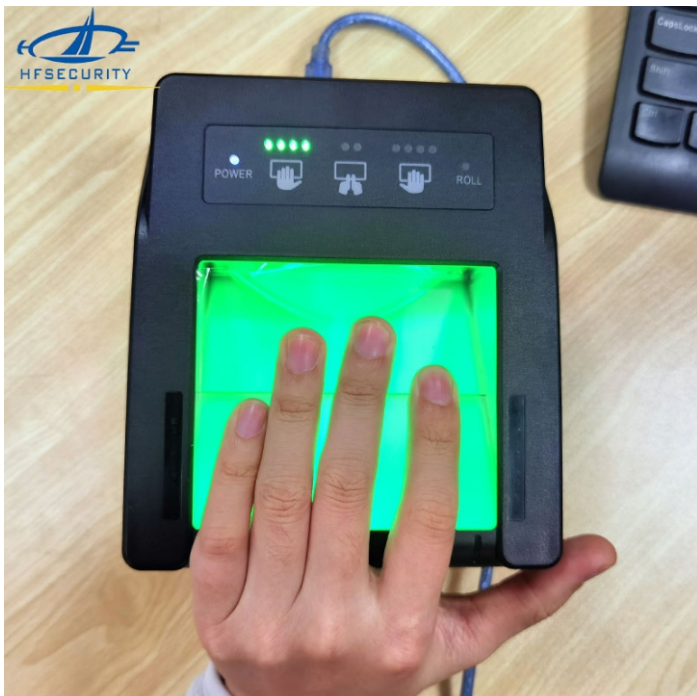


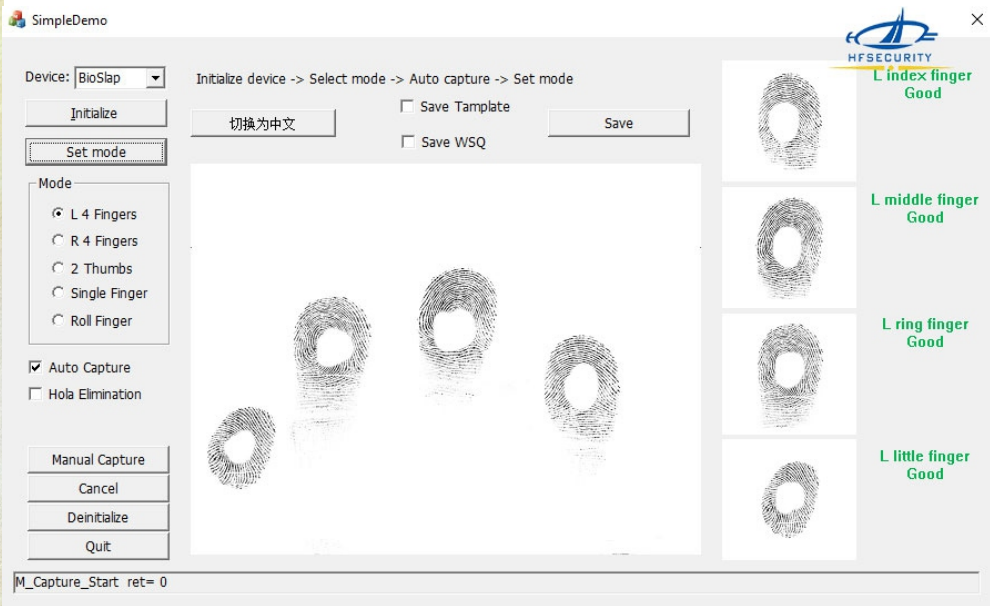
Bio 7 Plus Ten-print Scanner

HFSecurity Bio7plus is the compact and lightest ten-print scanner fully compliant which enables the scanner to deliver reliable and superior image quality and make it the optimal capturing device for national ID enrollment or background check. The HFSecurity employs the most advanced optical technology and dedicated special lighting source plus the enhanced fingerprint identification algorithm that allow the high speed finger capturing and seamless image processing including rolled prints. The integrated automatic capture functionality ensures rapid capturing of high quality image for biometric data collection and eliminates the possible reprint issues.

FEATURES

- Slide detection for flat prints capturing
- Supports latent prints and halo elimination
- Automatic device calibration when scanner starts up
- Segmentation of slap into discrete single image
- Automatic sequence and image quality checking
- Correct finger position and slap completeness check
- Auto capture functionality to eliminate reprint issues
- Smart indicators for intuitive instructions





SPECIFICATION

Fingerprint Types	Four finger slaps, two thumbs, single flats/rolls
Image Size	3.2" x 3.0" (1600 x 1500 pixels) for slap
	1.6" x 1.5" (800 x 750 pixels) for rolled
Capture Area	3.6" x 3.2" (92mm x 81mm)
Image Certification	FBI's IAFIS IQS Appendix-F
Resolution	500 dpi, 256 levels of gray
Image & Template Format	BMP, WSQ, ISO19794-2/4, ANSI/NIST 378
Acquisition Mode	Auto capture or manual mode
Smart Indicators	Power, finger position and rolls status LED
Buzzer	On board programmable buzzer
MTBF	More than 50,000 hours
Dimensions	160mm(L) x 135mm(W) x 90mm(H)
Weight	1.2 kg
Interface	USB 2.0 for data transfer & power supply
Operating System	Windows, Android
Software	Scan demo and essential APIs
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity Range	10% to 90%, non-condensing