

High Definition Palm-Print Live-scanner



SUPrema RealScan-P

RealScan-P is a high definition, FBI certified live-scanner for capturing single, ten and palm-prints. Even with wet or dry fingers & palms, RealScan-P captures high-quality images by Suprema's advanced optical technology. User-friendly interface with on-device-buttons enables quick and easy operation. RealScan-P's solid and easy mount structure provides perfect match for various live-scan applications.



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Benefits

- High-quality capture of four finger slaps, palm prints and writer's palms
- Separate scan window for single finger rolls and flats
- Fast and precise capture for both wet and dry fingers & palms
- Complete MTBF test on image quality, temperature, humidity, shock and vibration.
- FBI IQS Appendix F Standards compliance for AFIS
- Quality assuring certification from the National Police Agency of Japan

Hardware Features

- Advanced optical technology for precise image capturing from wet and dry fingers
- Easy-to-mount housing design for kiosks and cabinets
- Heated platen for halo effect elimination
- Multi-functional control buttons for easy capture and operation
- Multi-color indicator for power and temperature
- High speed USB 2.0 interface
- FBI IQS Appendix F Standards compliance for AFIS

Software Features

- Image quality check for single finger flats, rolls, four finger slaps, palm prints and writer's palms
- Sequence check in rolls and slaps acquisition
- Automatic segmentation of four finger slaps into separate single fingerprint images
- Slippage detection for flats and rolls
- Automatic capturing
- Ghost image elimination
- FBI-certified fingerprint image compression
- SDK for quick and easy integration into any systems

Specifications

Dimension	13.4" x 19.5" x 5.9" / 340 x 495 x 150mm (W x D x H)
Platen Size	1.8" x 1.9" / 46 x 47mm (W x L) 5.1" x 5.4" / 130 x 140mm (W x L)
Weight	12.74kg
Illumination	Green LED
Resolution	500 dpi, 256 gray
Image Size	Rolled Prints: 1.6" x 1.5" (41x 38mm) Palm Prints: Max 5.0" x 5.0" (127x 127mm)
Operating Temperature	0°C~50°C
Power Supply	DC 24V, 2.5A
Interface	USB 2.0
Operating Systems	Windows 2000, 2003, XP, Vista
SDK	Full SDK including DLLs with a sample program (multi-language support)

Device Configuration



- 1. Scan Window1**-Single finger flats, four finger slaps, palm prints, and writer's palms
2. Scan Window2-Single finger rolls **3. Control Panel** **4. Power Switch**
5. Power & Temperature Indicator **6. Firmware Port** **7. USB 2.0 Interface**
8. Power Port **9. Footswitch Port** **10. Footswitch**

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