



**Suprema**  
SECURITY & BIOMETRICS

# RealScan-D

Portable Dual Finger Live Scanner



RealScan-D is a portable dual fingerprint live scanner blending superb optical technology with loads of latest features. With its sleek and ergonomic design, RealScan-D offers maximum performance under harsh environments and guarantees precise image capturing for wet and dry fingers.



# RealScan-D

Portable Dual Finger Live Scanner



## Hardware Features

- Extra-wide active image area (1.8" x 1.8") for easy capture of two fingerprints
- Strong performance for wet fingers by advanced optical technology
- FBI certification for civil ID and AFIS application
- FIPS 201 certification
- High quality image capturing for wet and dry fingers
- Built-in buttons for on-device operation
- USB 2.0 interface for data transfer and power supply
- Easy-to-mount footprint design for desks and kiosks
- No external moving parts

## SDK Features

- Auto capture by sensing finger placement
- Slippage detection for rolls
- Halo effect and ghost image elimination
- Image quality check
- Automatic segmentation of two finger slaps
- Sequence check in rolls and slap acquisition
- International standard image compression, format and interfaces
- Machine-learning based Live Finger detection algorithm

## Specifications

Fingerprint Types	Single rolls / Single slaps / Dual finger slaps
Resolution	500 dpi, 256 gray
Platen Size (W x L)	1.9" x 1.9" (48 x 48 mm)
Image Size (W x L)	1.8" x 1.8" (46 x 46 mm)
Image Quality Standards	FBI IAFIS Appendix F spec.
Ingress Protection	Splash Proof
Mean Time Between Failure (MTBF)	≥ 25,000 hours
Time of Image capture of fingerprint at 500 ppi	≤ 2 seconds
Operating Temperature	-10°C ~ 50°C
Operating Humidity	From 10 to 90%, non-condensing
Dimension (W x L x H)	3.1" x 6.7" x 2.5" (84 x 171 x 63 mm)
Weight	0.54 kg (1.19lbs)
Interface	USB 2.0 (data & power)
Operating Systems	Windows XP, Vista, 7, 8, 8.1, 10 32/64bit Ubuntu, Debian, Fedora, CentOS 32/64bit Android 5.0 and above
Certificate	CE, FCC, KC, UL, WHQL

## Applications

- Criminal identification
- Airport and border check
- National ID cards
- Civil identification
- Employee background check
- e-Passport and Visa