

SUPrema RealScan-D

Portable Dual Finger Live Scanner



| **RealScan-D** | 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.



Anti-shock

IDENT
US-VISIT

FBI



Anti-Splash



SUPrema

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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
- 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

Specifications

| | |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Fingerprint Types | Single rolls / Single flats / Dual finger flats |
| 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 | 2°C ~ 49°C |
| Operating Humidity | From 10 to 90%, non-condensing |
| Dimension (W x L x H) | 3.3" x 6.7" x 2.5" (84 x 171 x 63 mm) |
| Weight | 0.54 kg |
| Interface | USB 2.0 (data & power) |
| Operating Systems | Windows 2000, Windows XP 32bit / 64bit Windows Vista 32bit / 64bit, Linux, Windows 7 |
| Certificate | FBI, WHQL, CE, FCC, UL, KCC |

Applications

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

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