

SUPrema

RealScan-10

Compact Ten-print Live Scanner



| RealScan -10 |

RealScan-10 is a compact live-scanner for single and ten-print capture. Suprema's advanced optical technology allows high-speed image capturing and seamless image processing. IP53-rated dust and water resistant housing makes it suitable for indoor and mobile environments. With its proven reliability of FBI certification, RealScan-10 is the perfect portable live-scanner for civil and criminal applications.



Anti-shock

IDENT
US-VISIT



Kensington

FBI



IP53



SUPrema RealScan-10

Compact Ten-print Live Scanner



Benefits

- Compact and portable all-in-one live scanner for single finger flats, rolls and four finger slaps
- FBI certification for civil ID and AFIS applications
- Rugged IP-53 dust and waterproof form factor
- Fast and easy capture of wet and dry fingers
- Complete compliance to IDENT, US-VISIT and DHS requirements

Hardware Features

- Advanced optical technology for easy capturing of wet and dry fingers
- Embedded DSP for high-speed image processing
- IP53 rated dust and water resistant housing
- Anti-shock & vibration structure with rubber in-mold housing
- USB 2.0 interface for data transfer and power supply (without extra power source)
- Multi-color LED and pictograms for intuitive user interface
- Built-in speaker for sound and voice instructions
- Built-in buttons for quick operation (operates without PC input)
- Optional detachable cover for prism window protection
- Kensington lock point for extra security

Software Features

SDK Features	Basic	Extended
Auto capture of flats and slaps by sensing finger placement on the prism	○	○
Slippage detection for flats and rolls for flats and rolls	○	○
Halo effect and ghost image elimination	○	○
Image quality checks		○
Automatic segmentation of four finger slaps		○
Sequence check in rolls and slaps acquisition		○
International standard image compressions, formats and interfaces		○

Specifications

Dimension	5.9"(W) x 5.9"(L) x 5.0"(H) / 152 x 152 x 127 mm
Platen Size	3.2"(W) x 3.0"(L) / 82 x 76 mm
Weight	3.52lbs / 1.6 kg
Resolution	500 dpi, 256 gray
Image Size	Four Finger Slap : 3.2"(W) x 3.0"(L) / 82 x 76 mm
	Finger Roll : 1.6"(W) x 1.5"(L) / 41 x 38 mm
Operating Temperature	0°C~50°C
Operating Humidity	From 10 to 90% non-condensing
Interface	USB 2.0 for data transfer & power supply
Operating Systems	Windows 2003, XP and Vista
SDK	Basic SDK, Extended SDK

Models

- RealScan-10 F : Flat only
- RealScan-10 : Flat and roll

Applications

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



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