

suprema

RealScan-G1

Compact single-finger live scanner with LFD



| RealScan-G1

| RealScan-G1 is an FBI PIV certified single-finger live scanner with Suprema's advanced live finger detection (LFD) technology. Combining Suprema's superior optical engineering with a slim and compact form factor, the RealScan-G1 offers every essential feature for high-speed fingerprint capturing in civil and criminal ID projects. The device ensures high quality image capturing with halo effect elimination, ghost image elimination automated image quality check processes. sealed in a rugged IP54 certified waterproof structure, RealScan G1 is perfectly designed for desktop use, or to fit into kiosks and mobile kits.



Anti-shock

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PIV
FIPS

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IP54

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Live Finger
Detection

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Hardware Features

- FBI PIV-IQS certification for civil ID & AFIS
- Hybrid live finger detection (LFD) technology
- IP54 rated dust and water protection design
- Integrated LED indicator
- USB2.0 data & power
- 1.0 inch wide solid and scratch-free platen
- Slim and compact form factor
- Easy-to-mount design for desktops and kiosks



Software Features

- Auto capture by sensing finger placement
- Halo effect and ghost image elimination
- Automated image quality check
- International standard image compression, format and interfaces

Specifications

Fingerprint Type	Single Finger Flat
Resolution	500 dpi
Capture Area (W X L)	1" x 1" (25.4 x 25.4mm), 500x500 pixel
Image Quality Standards	PIV-071006
Spoof Detection	Hybrid Live Finger Detection
Ingress Protection	IP54
Grey Scale	8-bit, 256 levels
Image Capture Speed	15 frames / sec
Interface	USB 2.0 Data & Power
Weight	0.18kg (including cable)
Dimension (W x L x H)	55 x 106.5 x 44.5 mm
Operating Temperature	0 ~ 70°C
Operating Humidity	10 % ~ 90% RH, non-condensing
Operating Systems	Windows 2000, XP, Vista, 7 Linux (selected versions)
Certificates	FBI PIV-IQS, CE, FCC, UL, KCC, WHQL.

Applications

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



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