

RealScan-F

Portable Single-platen Palmprint Live Scanner



RealScan-F is a single platen palm-print live scanner for capturing various types of fingerprint including flats, rolls, palms and writer's palms. Featuring Suprema's cutting-edge optical & biometric technologies, it is capable of capturing highest quality images regardless of the physical condition of fingers. RealScan-F also offers loads of user convenient features like color LCD display, voice instruction, foot switch and mobile power supply. With proven reliability of FBI certification, RealScan-F is designed to provide perfect live scanning solution for various criminal ID applications.



RealScan-D

Portable Single-platen
Palmprint Live Scanner



Hardware Features

- Compact & light weight palm-print scanner
- Embedded DSP for high-speed image processing
- Extra wide active image area for easy capturing
- Built-in speaker for sound & voice instruction
- 2.4" Color LCD and operation buttons
- High speed USB 2.0 interface
- Mobile operation through car power supply
- FBI IQS Appendix F Standards compliance

Software Features

- Image quality check
- Sequence check in rolls and slaps acquisition
- Automatic segmentation of four finger slaps
- Slippage detection for flats and rolls
- Automatic capturing
- Ghost image elimination
- SDK for quick and easy integration into any systems

Specifications

Fingerprint Type	Single Flats, Single Rolls, Dual-finger flats, Four Finger Slaps, Upper Lower Palm Prints, Writer's Palm Prints, Side Palm Prints
Resolution	500 dpi, 256 gray
Platen Size (W x L)	5.2" x 5.2" (132 x 132 mm)
Sensing Area (W x L)	Rolled Prints : 1.6" x 1.5" (41 x 38 mm) Palm Prints : 5.1" x 5.1" (extendible to 129 x 130mm)
Maximum Capture Area	extendible to 5.10" x 5.12"
Image Quality Standards	FBI IQS Appendix F
Ingress Protection	Splash Proof
Operating Temperature	-10°C ~ 50°C
Operating Humidity	From 10 to 90%, non-condensing
Dimension (W x L x H)	263 x 313 x 148mm (9.9" x 12.3" x 5.8")
Power Supply	Input 100/220V Output 12VDC
Weight	6.0kg (13.22lbs)
Interface	USB 2.0 High Speed
Operating System	- Windows : Windows XP, Vista, 7, 8, 8.1, 10 32/64bit - Linux : Ubuntu, Debian, Fedora, Cent OS 32/64bit
Certificate	CE, FCC, KC, UL, FDA, WHQL



Suprema ID Inc.

#305~308, 3F, Building A, Tera Tower 2, 201 Songpa-daero, Songpa-gu, Seoul, Republic of Korea
T +82 31 710 5629 E sales_id@supremainc.com www.suprema-id.com

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