

# suprema RealScan-F

Portable Single-platen Palmprint Live Scanner



**RealScan - F** | 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 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.



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## 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 Types	Single rolls / single flats / dual-finger flats / four-finger slaps upper & lower palm-prints, writer's palm-prints
Resolution	500 dpi, 256 gray
Platen Size (W x L)	5.2" x 5.2" (132 x 132 mm)
Image Size (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	2550 x 2550 (extendible to 2550 x 2560)
Image Quality Standards	FBI IQS Appendix F
Ingress Protection	Splash Proof
Operating Temperature	0 -50
Operating Humidity	From 10 to 90%, non-condensing
Dimension (W x L x H)	9.9" x 12.2" x 5.8" (252 x 310 x 147mm)
Power Supply	12VDC
Weight	5.4 kg
Interface	USB 2.0 (data)
Operating Systems	Windows 2000, XP, Vista, 7 and Linux
Certificate	FBI, WHQL, CE, FCC, UL, KCC



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