

suprema RealScan-F

Portable Single-platen Palmprint Live Scanner



| RealScan - F |

RealScan-F is a compact, portable single platen live scanner for capturing single, ten and palm-prints. The lightest weight device is capable of capturing high-quality images on the extra wide active image area. RealScan-F is the perfect solution for various criminal ID applications.



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Hardware Features

- Compact & light weight palm-print scanner
- 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

SDK Features

- Single finger flats, rolls, four finger slaps, upper & lower palm prints and writer's palms
- 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 / 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" (129 x 129 mm)
Image Quality Standards	FBI IQS Appendix F
Ingress Protection	Splash Proof
Operating Temperature	0°C-50°C
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 and Vista
Certificate (under progress)	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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