RealScan-FC

Compact Palm & Tenprint Enrollment Scanner

RealScan-FC is an all-in-one palmprint live scanner for capturing various types of fingerprint and palm-print including flats, rolls, palms and writer's palms. Featuring Xperix's cutting-edge optical & biometric technologies, it is capable of capturing the highest quality images regardless of the physical condition of fingers. RealScan-FC also supports user convenient features like voice instruction, foot switch and mobile power supply. With proven reliability of FBI certification, RealScan-FC is designed to provide perfect live scanning solution for various criminal ID applications.

Anti-shock · FBI · IP 64 · USB 2.0 · CAR POWER ADAPTER

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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
· High speed USB 2.0 interface
· Mobile operation through car power supply
· FBI IQS Appendix F / Appendix P Standards compliance
· DC12V or USB Power Only

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

- Scan function 4-finger combined print and palms under fingers up to 5 "x 5" - Rotated fingerprints up to 1.6 "x 1.6"
- Full palmprint up to 4.5 "x 3", rotated and flat fingerprints up to 5 "x 1.6", rotated fingerprint up to 1.6 "x 1.6" - 500 dpi

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)	5.16" x 5.12"(131.2 x 130.2 mm)
Image Size (W x L)	Palm Prints : 2500 x 2500 Four Finger Slap : 1600 x 1500 Single Flats / Rolls : 800 x 750
Image Format	ANSI / NIST-ITL 1-2007 / 2011 ISO / IEC FCD 19794-4 ANSI / NIST-ITL 1-2000 ANSI / NIST-ITL 1-2000 Interpol Implementation
Maximum Capture Area	2500 x 2500
Image Quality Standards	FBI IQS Appendix F / Appendix P
Ingress Protection	IP64
Operating Temperature	0°C ~ 50°C
Operating Humidity	From 10 to 90%, non-condensing
Dimension (W x L x H)	7.6" x 12.4" x 5.9" (193 x 315 x 150mm (156mm, Foot Rubber Inclusive))
Power Supply	12VDC or USB Power
Weight	5.26kg
Interface	USB 2.0 (data)
Operating Systems	Windows : Windows 8 or higher 32/64 bit Linux : Ubuntu, Debian, Fedora, Cent OS 32/64bit Android 5.0 or higher (Custom 4.0)
Certificate	FBI, WHQL, CE, FCC, UL, KC, WEEE, RoHS, REACH, BIS
Accessory	Foot Switch (Optional)

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