

RealScan-FC

Compact Palm & Tenprint Enrollment Scanner



RealScan-FC is an all-in-one palmprint live scanner for capturing various types of fingerprint and palmprint 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.

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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
- SuperSpeed USB 3.2 Gen 1 interface
- Plug & Play
- Integrated prism heater
- 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

Fingerprint Types	Flat (Four/Two/Single) and Rolled (Single) fingers, Upper and Lower palms, Writer's palms
Resolution	500 ppi
Platen Size (W x L)	131.2 mm x 130.2 mm
Image Size (W x L)	Palm Prints : 2500 x 2500 pixels Four Finger Slap : 1600 x 1500 pixels Single Flats / Rolls : 800 x 750 pixels
Image Format	RAW, BMP, WSQ, JPEG2000, ISO19794-4
Maximum Capture Area	2500 x 2500 pixels
Image Quality Standards	FBI IQS Appendix F / Appendix P
Ingress Protection	IP64
Operating Temperature	From 0°C to 55°C
Operating Humidity	10% - 90%, non-condensing
Dimension (W x L x H)	193 mm x 315 mm x 150 mm
Power Supply	12VDC or USB Power
Weight	5.35kg
Interface	USB 3.2 Gen 1, USB-C
Operating Systems	Windows : Windows 10 or higher 32/64 bit Linux : Ubuntu, Debian, Fedora, OpenSUSE, Cent OS 32/64bit Android 5.0 or higher
Certificate	FBI, CE, FCC, KC, RoHS, WEEE, REACH, WHQL, UL
Accessory	Foot Switch (Optional)



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