

RealScan S60M

Ultra Slim, Lightweight, and Easy-to-Integrate



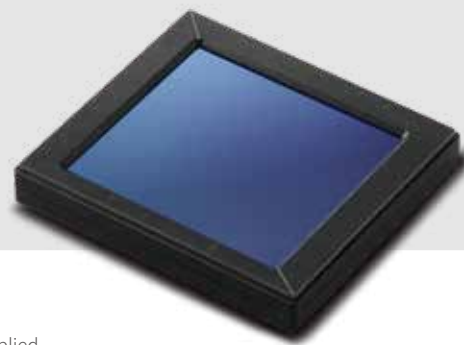
RealScan S60M is the FBI Appendix F certified, Ultra Slim, and Lightweight Fingerprint live scanner. In combination with Xperix's proprietary fingerprint algorithm and an advanced TFT (Thin Film Transistor)-optical technology, RealScan S60M enables capture of the highest fingerprint image quality flat and rolled fingers with little effect from various fingerprint conditions. In addition, Xperix's award-winning fake fingerprint detection algorithm with deep learning technology maximizes the benefit to its customers to distinguish real and fake fingers with excellent accuracy. Its small form factor optimized not only for desktop solutions but also for easy integration into portable devices, provides a significant advantage for customers to maximize the benefit from their product and solution.



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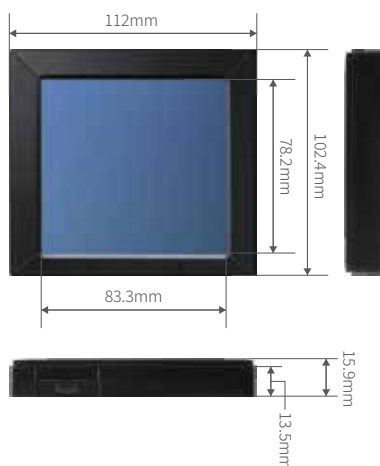


Features

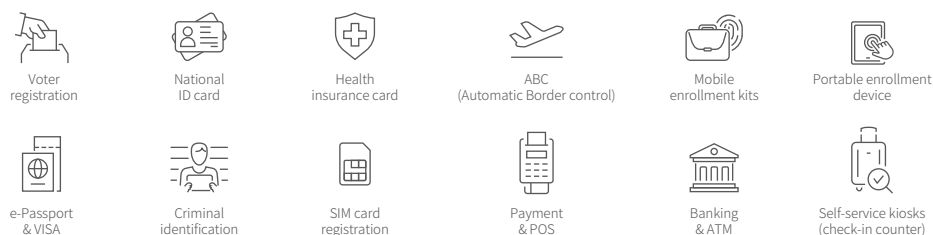
- Advanced TFT (Thin Film Transistor)-optical technology applied
- FBI IQS Appendix F Certified
- Best fingerprint image quality for flats and rolls regardless of the physical condition of fingers
- Machine-learning based Live Finger Detection (LFD) Technology
- Optimized for easy integration into mobile and desktop devices
- High-speed and seamless fingerprint image pre-processing
- Rugged IP65 dust and water-proof structure
- User-friendly Interface and LED Indicator
- USB 2.0 high speed transmission for data and power management
- USB Type-C: small, compact, and easy to connect
- Prevent external light, halo effect, and ghost images

Specifications

Fingerprint Types	Flat (Four/Two/Single) and Rolled (Single) fingers
Resolution / Gray scale	500 ppi / 8-bit, 256 levels
Dimension (W x L x H)	102.4 mm x 112 mm x 15.9 mm
Platen Size (W x L)	83.3 mm x 78.2 mm
Capture Size (W x L)	81.3 mm x 76.2 mm
Image Size (W x L)	Four finger slap: 1600 x 1500 pixels Two finger flat: 900 x 900 pixels Single flat / roll: 800 x 750 pixels
Image Quality Standards	FBI IQS Appendix F
Ingress Protection	IP65 (Sealed between bezel and sensor surface)
Operating Temperature	From -10°C to 55°C
Operating Humidity	10% - 90%, non-condensing
Power Supply	USB Host
Weight	189g
Interface	USB 2.0 High Speed
Operating Systems	Windows 10 or higher 32/64bit Linux Ubuntu, Debian, Fedora, OpenSUSE, CentOS 32/64bit Android 5.0 or higher
Certificate	FBI, CE, FCC, KC, RoHS, USB-IF, IEC 62471, WEEE, REACH, WHQL, UL, PAD Level 1 & 2 by Bixelab
Usage Environment	Indoor



Application



Xperix Inc.

#1207, 37, Sagimakgol-ro 62beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, 13211, Republic of Korea
Inquiry: sales_id@xperix.com | www.xperix.com

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