

Company & Products



JENETRIC – pioneers in digital fingerprinting

Founded in 2014 by Dirk Morgeneier and Roberto Wolfer, JENETRIC combines a multidisciplinary team of scientists, hardware- and software engineers, specialists in manufacturing and sales with offices in Germany and the USA.

JENETRIC's headquarter is located in Jena, Germany, Europe's hotspot for optical technology. Here we work within a network of specialized local and international partners for developing cutting-edge biometric sensor systems. From hardware to software, from manufacturing to service – all our efforts are focused on highest quality biometric products that our customers enjoy using.

Based on long term experiences of our entire team, and engineers who have successfully developed and manufactured first-in-class products for capturing biometrics we will continue pushing the envelope for developing new biometric sensors that meet the highest demands for image quality, capture speed and ease of use.



Roberto Wolfer

Roberto founded the company together with Dirk in 2014. Roberto has a background in product management and years of leadership experience in shaping product strategy. His deep and fundamental knowledge of the industry is essential for a successful market positioning .



Dirk Morgeneier

Dirk founded the company together with Roberto in 2014. He has a long history of developing new technologies and products and is known as a successful technology influencer in the industry. His ideas and developments have shaped the market over the past 20 years and his visions and ideas are the future of our industry.

LIVETOUCH QUATTRO

LIVETOUCH QUATTRO is a FBI certified, super compact forensic ID Flat and tenprint scanner. Based on JENETRIC's e-c-thru technology, the scanner combines unmatched user friendliness with highest quality fingerprint images. Its integrated touch screen provides easy to understand instructions that reduce failure-to-enrol rate and shorten the capture process. With its compact design, ultra-light weight and simplified operation, LIVETOUCH QUATTRO integrates easily into livescan stations and enrollment systems in any operating environment.



LIVETOUCH QUATTRO Compact

LIVETOUCH QUATTRO Compact is the most compact FAP 60 tenprint scanner module on the market. Its slim design, small size and lowest weight permits a smooth integration into portable enrollment systems or mobile devices. FBI Appendix F certified for both ID-Flats and tenprint fingerprint acquisitions, no compromise between compact size and best image quality is required.



Feature Comparison

	LIFETOUCH QUATTRO	LIFETOUCH QUATTRO Compact
e-c-thru technology	✓	✓
Image resolution: 500 ppi	✓	✓
Scan area: 3.0 inch x 3.2 inch (76,2 mm x 81,3 mm)	✓	✓
Captures flat fingerprints (4-2-1) Captures rolled fingerprints	✓ ✓	✓ ✓
Captures electronic signatures	✓	-
Integrated colored resistive touch display	✓	-
Integrated graphical audible user guidance	✓ ✓	- ✓
USB 3.0 interface (power supply and data transfer)	✓	-
USB 2.0 interface (power supply and data transfer)	requires external power supply	✓
Certifications: FBI, CE, FCC, UL, RoHS	✓	✓
Protection class according to DIN EN 60529 (IEC 529/VDE 047 T1)	IP 54	IP 65
Image quality certification: FBI EBTS Appendix F, ID Flats, Tenprint and Mobile ID FAP 60	✓	✓
Supported operating systems	Windows	Windows, Android*
TOUCHLAB SDK	✓	✓
Dimensions (W x L x H)	4.9 x 5.8 x 0.94 inch (125 x 147 x 24 mm)	4.22 x 4.66 x 0.45 inch (107,2 x 118,4 x 11,6 mm)
Weight	0.8 lbs (0,36 kg)	0.29 lbs (133 g)

* in preparation

LIVETOUCH

QUATTRO Mobile

LIVETOUCH QUATTRO Mobile is a truly multifunctional, mobile FAP 60 fingerprint scanner. It combines high quality fingerprint images with the ability to scan documents and electronic signatures. In combination with your smart device it enables on-the-go enrollments, verification, identification or even authentication.

Capture modes	Flat (4/2/1 fingers), rolled fingers*
Image resolution	500 ppi
Image quality certification	FBI EBTS Appendix F, ID Flats, Tenprint and Mobile ID FAP 60
Operating temperature	32 °F – 122 °F (0 °C – 50 °C)
Dimensions (W x L x H)	4.57inch x 6.97inch x 1.87/0.83inch (116mm x 176,98mm x 47.4/21.2mm)
Weight	1.38 lbs (0.63 kg) incl. battery
Scanner interface	W-LAN, USB
Power supply	by battery
Operating system	Windows 7 / 8.1 / 10 (all 32- and 64-bit editions)
Certifications	FBI*, WHQL, CE, FCC, UL, RoHS*
Optional components	TOUCHLAB SDK

NEW



* in preparation

TOUHLAB SDK

TOUHLAB SDK provides the best interface for comfortable and fast integration of JENETRIC's biometric scanners into enrollment applications. Our API enables full access both to the scanner and a broad range of sophisticated features making the capture process as easy as possible.



Supported platforms	Windows 7/8/10 (32/64-Bit)
Programming interface	C
Image quality checks	Integrated quality control for number, size and position of fingers
Capture modes	Automatic and manual
User guidance	Integrated set of animations for capture and user guidance
Customization	Configurable display information and user feedback
Fingerprint capture	Freely selectable flat 4-2-1 and rolled fingers; Segmentation
Driver	WHQL certified driver of LIVETOUCH scanner
Test tools	CHECKBOX application for testing scanner functions
Hardware requirements	Intel Core i5; 2,4 GHz; 4 GB RAM
Documentation	Comprehensive API description included

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