

BioLink LiveScan Devices

Fingerprint or palmprint scanners being efficient instruments of enrollment and control are currently included as a standard in all up-to-date automated fingerprint/palm print identification systems (AFIS/APIS).



BioLink DS-30N Livescan Fingerprint Device



Compact and ergonomic BioLink DS-30N uses optical technology that enables producing high quality fingerprint and palm print images even of moist fingers and palms.

BioLink DS-45 Livescan Fingerprint and Palmprint Device



Designed for capturing rolled and plain fingerprints and palm prints (including the so-called 'writer's palms'), this device provides best-in-class quality and functionality.

BioLink DS-45M Livescan Fingerprint and Palmprint Device



BioLink DS-45M is equipped with a built-in color LCD display that enables you to control the process of taking fingerprints and palm prints (the operator does not use the monitor of the workstation – it replaces it with the scanner's display that helps the operator to concentrate upon the fingerprinting process only)

Key Features and Benefits

- ✓ Elastic contact surface (membrane) of the scanner optic units enables the more accurate capture of ridge patterns, even of the so-called "problem" fingers, i.e. with excessively dry skin, with a rubbed-off or worn-out and low-relief pattern)
- ✓ Moisture discriminating optics ensures high-quality fingerprint and palm print images of sweaty hands
- ✓ Our program methods of image deblurring almost completely compensate for the effect of blurred or smeared pictures that are often met when taking rolled fingerprints
- ✓ Fingerprint and palm print images produced by live-scanning with the 500 ppi resolution fully comply with the FBI's IAFIS Image Quality Specification: CJIS--TD--0110; CJIS--RS--0010 (v. 7) app.F.
- ✓ WSQ algorithm designed by our developers, and FBI-certified in 1996, is used for image compression

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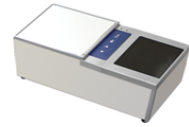
DS-45M



DS-45



DS-30N



Scan Area	132 x 130 mm	132 x 130 mm	86 x 78 mm
Sensing Area	1 large platen for rolling and taking plain impressions of fingers and palms	1 large platen for rolling and taking plain impressions of fingers and palms	1 large platen for rolling and taking plain impressions of fingers
Image Resolution	500 dpi	500 dpi	500 dpi
Dynamic Range	8 bpp	8 bpp	8 bpp
Time for scanning a fingerprint	< 5 seconds	< 5 seconds	< 4 seconds
Compliance	Compliant to the FBI's "IAFIS Image Quality Specification"	Compliant to the FBI's "IAFIS Image Quality Specification"	Compliant to the FBI's "IAFIS Image Quality Specification"
Compensation for smears at rolling	Yes	Yes	Yes
Elastic Coating (Membrane)	Yes	Yes	Yes
Moisture Discrimination	Yes	Yes	Yes
Interface	USB 2.0 (480 Mbit/sec)	USB 2.0 (480 Mbit/sec)	USB 2.0 (480 Mbit/sec)
Power Supply	12 V (adapter ~220 V, 50 Hz)	12 V (adapter ~220 V, 50 Hz)	5 V (USB)
Power Input	Maximum: .12 Watt	Maximum: 8 Watt	Maximum: 2.5 Watt
Scanner Size (W x D x H)	240 x 405 x 135 mm	240 x 405 x 127 mm	137 x 307 x 94 mm
Scanner Weight	10 kg	9 kg	3.5 kg
Self-contained Keypad	Yes	Yes	Yes
LCD Monitor:	Color TFT, 480 x 272 pixels	No	No
Operating Systems	Windows, Linux	Windows, Linux	Windows, Linux



BioLink Solutions is a trusted global provider, supplier and expert of world-leading biometric identification solutions, systems and professional services.

Employing the best international practices and scientific developments, BioLink is committed to building, deploying and maintaining a full range of award-winning biometric identification and identity management solutions worldwide.