

BRAND NEW!

PAPILLON DS-30N Livescan Fingerprint Device



The **DS-30N** is a forensic quality fingerprint scanner manufactured as a separate optical unit driven by a backbone computer (including a notebook).

The **DS-30N** provides an effective way of capturing rolled and plain fingerprints (rolls and slaps).

The DS-30N uses the optical technology that enables producing high quality fingerprint images even of moist fingers.

The **DS-30N** supplies the ability to capture the plain impressions of both thumbs taken together.

The **DS-30N** enables the synchronous capture of both thumbs taken flat, and the extraction of single finger impressions from slaps taken according to the “4+2+4” pattern as it is accepted in biometric passport projects by many countries.

The **DS-30N** was certified in the FBI, USA, in March 2011.

Key Specifications:

- Resolution for fingerse — 500 ppi
- Sensing area — 86x78 mm
- Capture of rolled and plain fingerprints
- Automatic slap-to-roll comparison
- Moisture discriminating optics
- Automatic finger detection
- Live video of the scanned finger
- Automatic quality check
- Automatic sensing and “gripping”
- Self-contained control board
- USB 2.0 interface
- Operating system: Windows® and Linux®



Resolution of Resulting Images	500 ppi
Dynamic Range	8 bpp
Signal-To-Noise Ratio	Minimum: 40db
Sensing Area	1 platen for rolling and taking plain impressions of finger
Scan Area	86 x 78 mm
Image Area: – Rolled – Slap (4 fingers) – Slap (thumb)	45 x 40 mm 86 x 78 mm 45 x 40 mm
Time for Scanning a Fingerprint	Maximum 4 seconds (for slaps – 2,5 seconds)
Image Compression Method	WSQ – compression (Maximum: 1:15)
Image Quality	Complies with FBI's IAFIS Image Quality Specification: CJIS-TD-0110; CJIS-RS-0010 (v7) app. F, In preparation for certification
Interface	USB 2.0 (480 Mbit/sec)
Power Supply	5V (USB)
Power Input	Maximum: 5 Watt
Scanner Size (W x D x H)	138 x 160 x 160 mm
Scanner Weight	Maximum: 2,5 kg
Automatic Finger Detection	Available
Visual Control	Available
Quality Check	Available. The system issues a message regarding the quality of rolled and plain fingerprint images
Automatic Change to the Next Finger	Available. If the image quality is good, the system offers to scan the next finger
Self-contained Control Board	Available
LCD display: – Display Type – Image Resolution	—
Operating Systems	OS Windows®, Linux®
Application Software	<p>The PAPILLON Live Scanner system applicable for:</p> <ul style="list-style-type: none"> • Fingerprinting a subject • Inputting and saving text data and fingerprints in a file on the computer memory (HDD) • Saving photo images of a person fingerprinted • Printing ten-prints in a standard form • adjusting a print form and choosing resolution: 600 or 1200 dpi) • Transferring ten-print cards into AFIS • Exporting files in the following formats: <ul style="list-style-type: none"> a) International data exchange format ANSI/NIST-ITL 1-2007: <ul style="list-style-type: none"> – FBI CJIS-RS-0010 (v.7); – INTERPOL (INT-I) (v.4), November 19, 2002; b) Data exchange format of the Ministry of Interior of Russia (RUS-I V2.00) <p>*Optionally, the PAPILLON-FILTER Express Checking Program</p>