

BRAND NEW!

PAPILLON DS-22N

Single Finger Livescan
Capture Device



The **DS-22N** is a forensic quality fingerprint scanner manufactured as a separate unit driven by a backbone computer (or a notebook).

The **DS-22N** provides an effective way of capturing rolled fingerprints (rolls).

The **DS-22N** is designed for the growing needs in the personal identity check application area (access control systems, background checks, biometric passports, etc.).

The DS-22N uses the optical technology that enables producing high quality fingerprint images even of moist fingers.

Key Specifications:

- Resolution — 500 ppi
- Sensing area — 42x40 mm
- Capture of rolled fingerprints
- Automatic slap-to-roll control
- Moisture discriminating optics
- Automatic detection of a finger on the scanner platen
- Automatic control of the image quality
- Automatic change to the next finger
- USB 2.0 interface
- Windows or Linux operating system



New series of PAPILLON fingerprint/palmprint scanners



Resolution of Resulting Images	500 ppi
Dynamic Range	8 bpp
Signal-To-Noise Ratio	Minimum: 40db
Sensing Area	1 platen for taking rolls
Scan Area	42 x 40 mm
Image Area (Maximum): – Rolled – Slap (1 finger)	42 x 40 mm 42 x 40 mm
Time for Scanning a Fingerprint	Maximum 4 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, Uncertifiable in scanning window size Compliant to FBI's Specification "Image Quality Specification for Single Finger Capture Devices", CJIS-Division, v. 071006, 10 July 2006, in preparation for certification
Interface	USB 2.0 (480 Mbit/sec)
Power Supply	USB
Power Input	Maximum: 2,5 Watt
Scanner Size (W x D x H)	80 x 190 x 65 mm
Scanner Weight	Maximum: 0,95 kg
Automatic finger detection	Available
Visual Control	Available
Quality Check	Available. The system issues a message regarding the quality of rolling
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	N/A
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 • Adjusting a print form and choosing resolution: 600 or 1200 dpi) • Transferring text data and fingerprints 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 adopted by the Ministry of Interior of Russia (RUS-I V2.00) <p>*Optionally, the PAPILLON-FILTER Express Checking Program</p>