



DocuForensics

DocuDetect
VIDEO SPECTRAL COMPARATOR

SPECTRAL EXAMINATION OF QUESTIONED DOCUMENTS with DocuDetect

DocuDetect is a modern and compact high-performance device for questioned document examination with multi-spectral technology. The device was developed to combine latest technology with convenience of handling and practicability. Being lightweight and compact in size DocuDetect is also perfect for field work and mobile use.

PRODUCT DETAILS



Modern LED technology

The device has more than 10 independently controllable LED lights as well as 3 UV light sources. The light sources can be combined freely.



Extensive filter equipment

DocuDetect comes standard with 17 blocking filters (UV-VIS-IR). More blocking filters can be retrofitted on individual demand.



Full HD camera with Carl Zeiss optics

A 5 MP Full HD camera with Carl Zeiss optics ensures excellent photo recordings. The camera is software-controllable.



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With the DocuDetect system questioned documents can be examined in visible and invisible light fields:

- Transmitted and oblique light examination
- UV reflection examination
- UV luminescence (fluorescence) examination
- IR reflection (absorption) examination
- IR luminescence examination

TECHNICAL DATA

Light sources:					Camera filter:		
Incident			Oblique	Transmitted	UV	IR	IR
UV	VIS	IR			BP 225-400 nm	LP 580 nm	LP 700 nm
254 nm	450-475 nm*	850 nm*	white left*	white*	VIS	LP 610 nm	LP 720 nm
311 nm	500-530 nm*	940 nm*	white right*		BP 400-625 nm	LP 630 nm	LP 780 nm
365 nm	580-585 nm*				LP 535 nm	LP 650 nm	LP 830 nm
	620-630 nm*				LP 550 nm	LP 670 nm	LP 850 nm
	white*				LP 565 nm	LP 685 nm	LP 930 nm

Camera:

Resolution:

5 MP, Full HD 1080p (1920 x 1080p)

Camera sensor:

Full spectrum (UV-VIS-IR)

Frame rate:

Adjustable (5 - 30 pictures per second)

PC-Connection:

USB 2.0

Operation system:

Windows Vista, 7, 8, 10

Size:

51 x 40 x 36 cm

Main connection:

230 V/50 Hz or 120 V/60 Hz

* Independent LEDs, combinable





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