Global Source
EQUIP TO INNOVATE

projectina®

DOCUBOX HD

The efficient document examination system in new design
and with new high resolution Full-HD camera technology





DOCUBOX HD

The compact tool for efficient operation

With the DOCUBOX HD Projectina offers a new concept allowing comprehensive and systematic examination of documents in field application. Extensive examination methods combined with efficient handling and operator convenience fulfill the increasing demands for a quick and efficient investigation of travel documents, banknotes and security printed matter, not only in the field, but also in the laboratory.



DOCUBOX HD

Extensive document examination

DOCUBOX HD offers comprehensive investigation possibilities in a compact design. DOCUBOX HD incorporates 14 integrated light sources, motorized 30x zoom optics and IR sensitive colour camera with Autofocus. A variety of monitors are available on request.

Image Capture via USB

USP port for fast image storage

Sequence mode

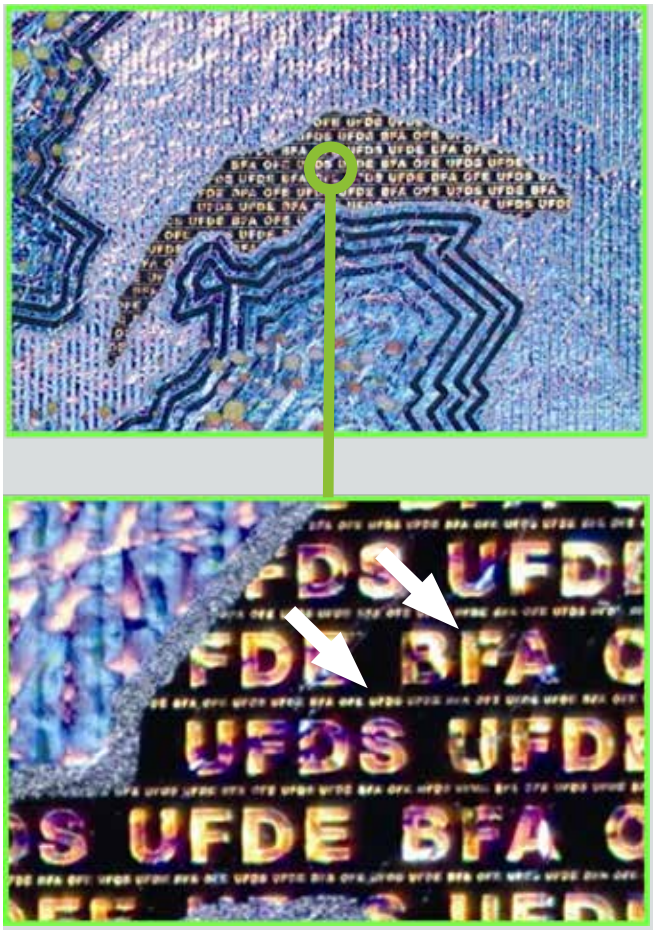
The DOCUBOX HD automatically selects different light sources and inspection times and provides the results within a very short time.

Intuitive operation

Control of the instrument is by an easy to use touch screen and jogger knob. The pre-settings of various light sources make the operation even more simple. The menu-driven PIA-7 software is controlled in the operator's language.

Highest efficiency

Up to 200 control settings can be stored and restored via internal memory and via USB stick. This helps to standardize processes, to simplify the workflow and to cut down the investigation time.



Nanoprint

Touchscreen and jogger knob for simple and intuitive operation.





Intaglio printing in IR absorption

PIA-7 Forensic Software

The intelligent software for comparison, documentation and archiving

With the operative software PIA-7 and a Personal Computer or Notebook the Docubox HD is extended to a complete system for documentation, comparison and measuring. The PIA-7 has a remote function to control the Docubox HD via a Personal Computer or Notebook. The Remote Control function can be extended to operate the Docubox HD directly via a local network from your working place. Image data and instrument settings can be stored and retrieved together.

All functions of the Docubox HD are controlled via the intuitive software menu on your Personal Computer or Notebook. Via Remote Control up to 200 individually defined settings are selectable.





■ Horizontal or vertical split comparisons



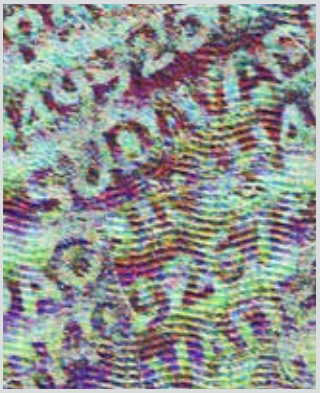
■ IR 740 - 1100 nm illumination for «anti-Stokes inks» examination



■ Verification of retroreflective security elements



■ Measuring of distances, angles, circle diameters and annotations of text and marks



■ IPI (Invisible Personal Information)

DOCUBOX HD
Convincing in all details

Basis System in new design
Completely new designed system with integrated illumination system, new designated optics, operation via touch-screen and jogger knob, storage of up to 200 document control settings via internal memory and via USB memory stick, different languages selectable, easy to operate, no more failure caused by operator use

Full-HD Colour Camera
New camera technology with full-HD high resolution IR colour camera 1920 x 1080, chip sensor 3,2 MP, spectral range 350 nm – 1100 nm, with auto chip integration and Autofocus

Image capture via USB
USB Port for fast image storage

Optics
Motorized 30x zoom, autofocus/manual focus mode, magnification up to 100x on 24" monitor, max. field of view 142 x 80 mm (16:9) and 130 x 98 mm (4:3)

Sequence mode
5 sequences with automatic selection of light sources and inspection time

DVI monitor output

USB 2.0 Live camera output

Light Sources
- UV-illumination 365 nm surface light, 2x 9 Watt
- UV-illumination 254 nm and 313 nm, each 2x 4 Watt with integrated safety system, for security elements in short and mid-wave UV range
- UV illumination 365 nm transmitted light, 2x 9 Watt
- IR luminescence: with condenser system, 100 Watt
- Infrared / White light, 2x 50 Watt
- IR/Side Light, left and right, individually selectable, 2x 50 Watt
- Transmitted light 2x 50 Watt
- Transmitted spot light, 1x 50 Watt
- Retro light LED
- Infrared 740 - 1100 nm illumination for «anti-Stokes inks» examination
- Multi-angle 16x LED light module for OVD verification
- Backlight illumination

Excitation Filter
Excitation filter module with 9 wavebands: 400–490 nm, 400–530 nm, 455–570 nm, 495–620 nm, 530–650 nm, 570–680 nm, 630–740 nm, DOCU (380–570 nm) and Neutral

Camera Barrier Filter
Built-in filter module for rapid change of filters, filter selection via rotating knob, filter values: 570, 590, 610, 630, 645, 665, 695, 715, 735, 780, 830, 850, 1000 nm, Neutral (420-1000 nm) and IR cut off filter

Dimensions
Basic system (without monitor)
410 x 475 x 385 mm (WxDxH)

Weight
Basic system 26 kg

Mains connection
230 V/50Hz or 115 V/60Hz

Power consumption
Basic system with white light: max. 0.170 KW

Basic system with white light and monitor: max. 0.196 KW

Environment temperature
+10° C to +50° C

Humidity
40 - 80 %, non-condensing



Standards
CE marking, ISO 9001-2015 certified, RoHS compliance. The product complies with the requirements of the RoHS Directive on the restriction of the use of hazardous substances.

Optional Accessories

PIA-7 Forensic Software with remote control, ICAO and IPI functions, new graphics design for Image Comparison, Measuring and Archiving, ICAO code verification, various image formats like bmp, tiff, gif, bmp, pdf, png, jpeg, etc., network compatible

Monitor 24"with DVI connection

Document Reader PAGScan
Independent document reader for reading MRZ (ICAO code) and chip (RFID information) in travel documents.

DC/AC-inverter for mobile use

Transit case with castors

Useful accessories like OVI mirror, quartz glass plate, ball table for the investigation of OVDs, mirror module for „Sealys Edge", and many more

Computer System INTEL Core i7, 16 GB RAM, HD 500 GB SSD, 8x USB 2.0/3.0, 2GB graphics card, operating system Windows 10, 64 bit or Notebook with operating system Windows 10, 64bit

We reserve the right to make modifications as a result of technical developments. Illustrations, descriptions and extent of delivery are therefore not binding.

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