

DOCUBOX HD

The efficient document inspection device in a modern design and with new high-resolution Full-HD camera technology



With the DOCUBOX HD, Projectina offers a completely newly designed system for document inspection. Comprehensive inspection methods paired with efficient handling and user-friendliness not only fulfill not only in mobile use, but also in stationary use necessary criteria.

Comprehensive document inspection

DOCUBOX HD offers the most compact design and with a new design.

DOCUBOX HD has 14 integrated light sources, motorized 30x zoom and IR sensitive colour camera color camera with autofocus. There are various monitors to choose from.

Image recording via USB

USB port for fast image storage.

Automatic control sequences

5 pre-programmed control sequences for different light different light sources and inspection times, the result is the result is displayed within a very short time.

Intuitive operation

Operation is via the two elements touchscreen and jogger rotary knob. Pre-settings for different light sources make operation simplified many times over. The menu navigation in the language of the user.



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Highest efficiency

Up to 200 control settings can be stored on internal memory, via a USB memory stick and via PIA-7 software. This processes can be standardized, procedures simplified and inspection times can be shortened

With the optional PIA-7 software and a notebook or PC, you can expand the DOCUBOX HD into a complete documentation, comparison and measurement system. The DOCUBOX HD can be controlled via remote control control completely from the PC/notebook. The Remote Control function can be extended so that DOCUBOX HD can also be accessed via local networks. Image data and device settings can be saved and reloaded together can be



Basic device

Completely new design with integrated lighting units, newly developed optics, operation via touchscreen and jogger jogger rotary knob, storage of up to 200 document control settings using internal internal memory and USB memory stick, Language selection, user-friendly



Full HD color camera

New camera technology in full HD resolution, IR color camera 1920 x 1080, 3.2 MP chip sensor, spectral range 350 nm-1100 nm, with automatic integration integration and autofocus

Image acquisition via USB

USP port for fast image storage

Optics

New motorized 30x zoom lens, Magnification up to 100x on 24" monitor, Field of view max. 142 x 80 mm (16:9) and 130 x 98 mm (4:3)



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Control sequences

5 pre-programmed control sequences with different light sources and control times

DVI output

USB 2.0 live camera output

Illumination types

- UV incident light illumination 365 nm, 2x 9 Watt
- UV incident light illumination 254 nm and 313 nm, 2x 4 watts each, with integrated safety system, for safety features in short and medium wave
- UV range
- UV transmitted light illumination 365 nm, 2x 9 watts
- IR luminescence with condenser system, 100 watts, with built-in daylight filter
- Infrared 2x 50 watts
- White light 2x 50 watts, 5600 Kelvin, with upstream daylight filter
- Grazing light/IR, adjustable left and right, individually selectable, 2x 50 watts
- Transmitted light 2x 50 watts
- SPOT transmitted light, 1x 50 watts
- Retro light, LED lighting
- IR 740 - 1100 nm illumination for "anti-stoke inks" examinations
- Multi-angle 16x LED ring light (oblique light) for multi-image OVD examinations
- Backlight illumination

Excitation filter

Motorized 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 filter

Motorized filter module, filter values: 570, 590, 610, 630, 645, 665, 695, 715, 735, 780, 830, 850, 1000 nm and IR cut filter



Dimensions

Base unit (without monitor)
410 x 475 x 385 mm (WxDxH)

Weight of base unit

Base unit 28 kg

Power connection

230V/50Hz or 115V/60Hz

Power consumption

Base unit with white light: max. 0.170 KW

Base unit with white light and monitor:
max. 0.196 KW

Ambient temperature

+10° C to +50° C

Air humidity

40 - 80 %, non-condensing

Standards

CE marking, ISO 9001-2015 certified,
RoHS conformity. The product complies with
the requirements of the RoHS Directive
on the restriction of the use of
of Hazardous Substances.

Accessory options

PIA-7 forensic software with remote control
control", ICAO and IPI verification, graphical user
interface for comparing, measuring and archiving
archiving of images in various image formats,
such as bmp, tiff, gif, bmp, pdf, png,
jpeg, etc., network-compatible.

24" monitor with DVI/HDMI connection

Document reader PAGScan

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

DC/AC converter for mobile use



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Useful accessories such as OVI mirror, quartz glass plate, ball table ideal for the examination of OVDs, mirror module for "Sealys Edge", etc.

Transport case with wheels

Computer system INTEL Core i7, 16 GB RAM, HD 500 GB SSD, USB 2.0 and USB 3.0, 2 GB graphics card, operating system WIN 10, 64bit or notebook with WIN 10, 64bit



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