

DocuScan 404

Equipment for document investigation

The equipment is suitable for recording all the identifying and certifying documents in an electronic form that are presented during the originality examination and it is also capable of checking both the visible and invisible document security features in order to filter out forged and falsified documents.

The **DocuScan 404** is suitable for investigation of the following security features:

- UV marking fibres
- ink fluorescing in UV light
- imprint fluorescing in UV light
- watermark
- scripts in the thread mark
- hologram sticker
- intaglio printing
- micro lettering
- imprints
- filtering out scripts made with copying machine
- shape of stamps, furthermore their possible UV fluorescence
- impregnated paper



DocuScan 404



Romanian Vehicle Registration Certificate illuminated with UVA type light

With the help of the DocuScan v2.02 software, that belongs to the **DocuScan 404** document investigating device the operator first selects the type of document to be examined. Then the investigation is carried out as defined by the software. The programme does not allow finishing the investigation until all the necessary steps have been performed by the operator. At each step the software automatically switches the type of light set for the investigation and opts for selection of certain sheets and pages of the document to be copied. An image of the same page of the sample of the same document type appears next to the copied page. The programme enables enlargement of the image and the sample image to the same magnitude (it goes on simultaneously for the two images, thus the same part can be seen in both images in the same magnitude of enlargement).

Text information is also provided for sample images found in the programme. This information contains identifying and security features the operator should look for and check in the given part of the document. This text may also contain information about non-visible features as well, e.g. for examination of tactile or olfactable elements. The created image is stored automatically by the

programme in an encoded form so that it can be searched for and viewed later (encoding excludes any manipulation of stored images).

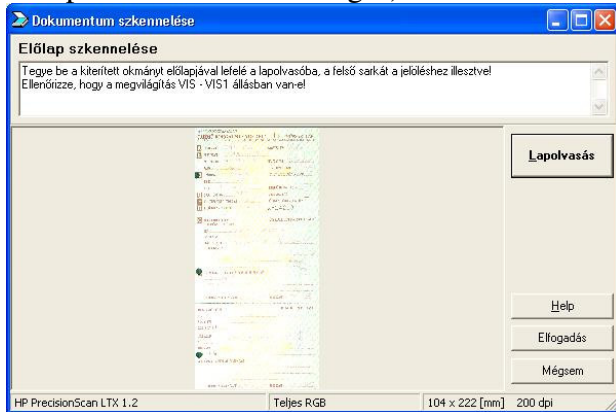
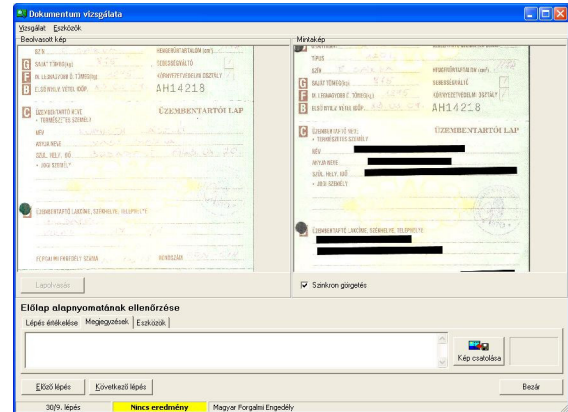


Image of document under examination



Sample image for comparison

Technical parameters:

Dimensions:	259 x 474 x 83 mm
Maximum page size:	216 x 297mm
Connecting unit:	High speed USB 2.0
Optical resolution:	4800x9600 dpi
Colour depth:	48 bites
Power supply:	200-240V AC, 50-60 Hz
Power consumption:	max. 18 W
Weight:	3.2 kg
Operating system:	Microsoft Windows

The equipment can operate with 4 kinds of illumination modes:

- normal white light illumination
- normal UVA ($\lambda=360\text{nm}$) illumination
- white glancing light
- white light transillumination

Options:

- UVC ($\lambda=254\text{ nm}$) illumination
- infra illumination

Manufacturer and distributor:

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