IDstudio

Capturing high-quality ID photos with a compact device

IDstudio is an integrated and compact solution for high-quality identity photo capture that meets the requirements for the ICAO and LASINK™ color portrait.

IDstudio is ideal for a variety of use cases in civil identity, law enforcement and border control, including ID document issuance, citizen registration etc.



Key Benefits

All-in-one capture device

IDstudio includes a powerful camera that enables the capture of high-resolution pictures (up to 20.1 Megapixels) that are compliant with stringent ICAO photo requirements. The high quality of the picture allows the issuance of LASINK™ portraits, the safest color technology for ID documents.

Compact

IDstudio includes the supply of a highquality camera with an integrated flash and diffuser. These features allow the appropriate amount of light during capture, while avoiding shadows in ID portraits. With its compact size and lightweight structure, IDstudio boasts a small footprint, making it ideal for enrollment in the field.

Simple to use

The camera and flash features of IDstudio are preset, allowing easy and immediate use of the equipment. Thanks to the flash and diffuser, the lighting of the room does not impact the quality of the picture, and the settings are consistent over time. This means that there is no need to make additional adjustments with regard to the camera's location.

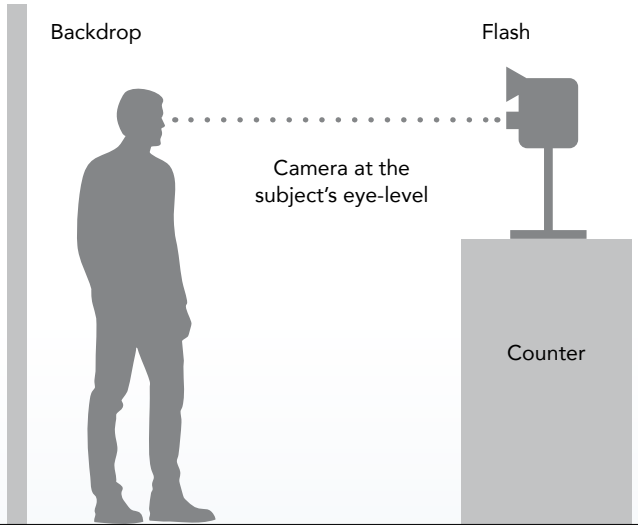
IN GROUPE

High-quality photo capture

ICAO-compliant portrait pictures

IDstudio's compact yet powerful camera allows the capture of highresolution pictures. Each picture is taken with sufficient focus and depth to render the required level of facial details.

The flash enables diffused lighting for uniform illumination of the face and the capture of natural flesh tones.



ICAO picture guidelines:

High resolution picture (minimum dimension of 1200 pixels width x 1600 pixels height)

Sufficient depth of focus to maintain a resolution greater than two millimeters on the subject's facial features at the time of capture.

Uniform lighting (no shadows or flash reflections on face, no red eye)

Radial distortion not allowed

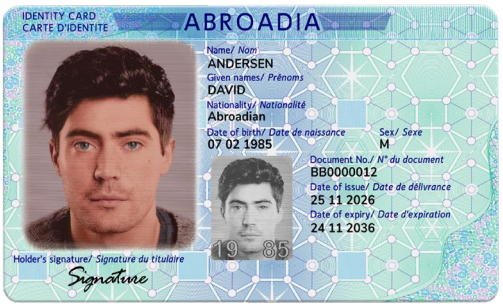
Interpupillary distance at least 240 pixels

Plain light-colored background

Recommended capture distance to subject:
70 to 200 cm

Recommended backdrop:
RGB 200/200/200

LASINK ORIGIN



Colour images

IDstudio enables the capture of high-quality color photos such as LASINK™ Origin, offering an excellent contrast and level of detail in the ID document.

LASINK™ Origin is a secure color portrait technology developed by IN Groupe to offer the best protection for identity documents. LASINK™ Origin color image isengraved directly into the polycarbonate structure. It is impossible to forge and/or reproduce.

Key Features

Camera specifications

- Image resolution: 20.1MP
- Auto-focus
- Adjustable white balance
- Adjustable zoom
- Image formats: JPEG, RAW

Flash specifications

- Flash power: 50J
- Adjustable power through API
- Time between 2 flashes: 1.5 to 5sec
- Bulb lifetime: 250,000 cycles
- Flash range width: 1.2 to 2.4mm

Power supply

- Operating voltage: 12V DC (battery or main supply)
- Power consumption: 4.8W
- Power consumption (max): 13.2W

Operating conditions:

- Temperature: 0° to +40°C Humidity < 80% without condensation
- Lens height range: 380 to 580mm
- Certifications: CE, FCC, ROHS

Operating system

- Windows 10 and 11

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