IDstudio desktop station

All-in-one high-quality capture device

A complete capture device

The IDstudio Desktop Station is a comprehensive solution for capturing highquality ID photos, fingerprints, and handwritten signatures.

Equipped with a powerful camera, it ensures the capture of high-resolution images that meet stringent ICAO photo requirements. The exceptional image quality also enables the issuance of LASINK™ portraits, the most secure color technology for ID documents.

The fingerprint scanner captures both slap and rolled fingerprints with precision. Its compact design and guided user experience make it easy for citizens to use.

A signature pad completes the system, allowing citizens to provide their handwritten signatures effortlessly.

A touch screen offers the necessary guidance to assist the citizen during biometric capture.



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)

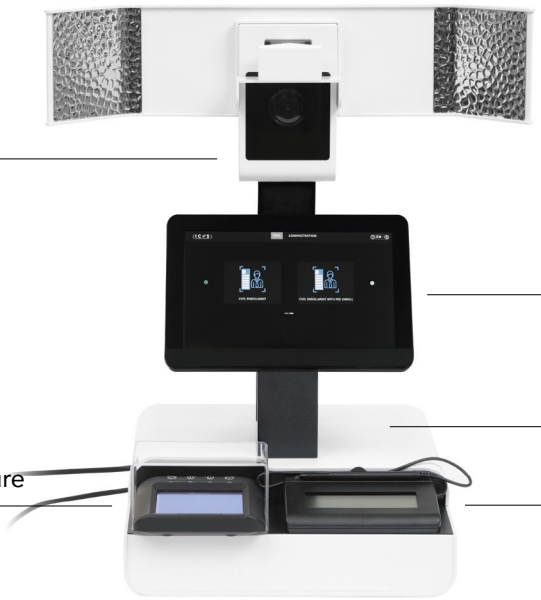
Sufficient depth of focus to maintain a resolution greater than two millimeters on the subject's facial features at the time of capture.

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



Technical specifications

Camera specifications

- Image resolution: 24.2 MP
- 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 5 sec
- Bulb lifetime: 250,000 cycles
- Flash range width: 1.2 to 2.4 mm

Power supply

- Operating voltage: 230V AC (battery or main supply)
- Power consumption: 21.7 W
- Power consumption (max): 73.4 W

Operating conditions:

- Temperature: +10° C to +35° C
- Humidity: < 80% without condensation
- Lens height range: 455 to 655 mm
- Certifications: CE, FCC, RoHS

Operating system

Windows 10 and 11

Signature Pad with Topaz:

TOPAZ TL462HSBR

Fingerpring with MTop Slim:

- Certified FBI IAFIS-IQS Appendix F,
- Mobile ID FAP60
- Sensor technology: TFT (thin film transistor)
- Resolution: 500 dpi (horizontal and vertical)
- Fake finger detection

Touch screen with ELO Touch 1002L

Embedded computer with DELL

OptiPlex Micro Form Factor 7020 XCTO (210-BKXM)

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