Regula

Unparalleled image quality enabling expert remote examination

Capture high-resolution images of documents and banknotes with unparalleled quality at the touch of one button using this unique device.

Regula Photospectral Scanner streamlines:

- ✓ Remote identity document examination
- ✓ The creation of a detailed document or banknote database for use at second-line border control, forensic laboratories, banks, and other institutions

What powers Regula 88XX's superiority

Increased operating speed

Improves the overall reliability and speed of border control at checkpoints while using remote examination.

Highest quality images

Captures images in ultra-high resolution, enabling confident remote examination and high-quality document database creation.

Simple operation

Takes a series of high-quality photos at the touch of the single button for convenient document database creation and remote expertise.

A more efficient approach to border security

Experts can authenticate identity documents remotely with ease and convenience, improving efficiency while ensuring compliance with strict border control protocols.

Regula 88XX Usage Scenarios

| Remote examination | Creation of customized image databases |

The device enables remote second-line examination of identity documents from widely separated checkpoints without requiring dedicated specialists on-site.

Experts can remotely access the scanner via software, allowing them to analyze suspicious IDs within minutes of scanning and help border control officers at the checkpoint to make a decision.
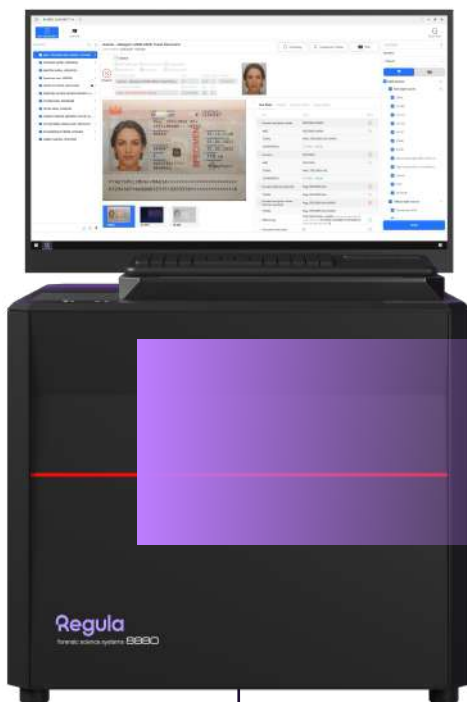
Regula 88XX is ideal for creating and updating databases with high-resolution samples of documents and banknotes, serving forensic labs, border control check-points, banks, and security printing entities.

Highlighted Features

Create digital copies of travel documents or banknotes instantly—for on-site or remote examination within a secure, closed ecosystem and creation of customized image database.

Super-high resolution up to **4388 ppi** for the best images

16 light sources to visualize security features

Fully **automated** for the most efficient operations

Powerful software for **remote examination**

100% LED for long lifespan and consistent light output

Automated authenticity verification for **quick check**
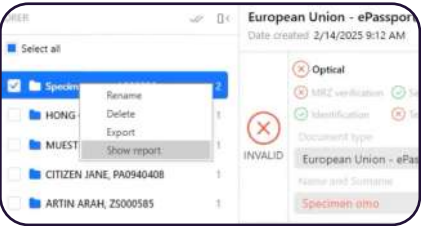
Software Features

button, features not only a razor-sharp camera and various light sources, but also powerful software designed to support key user scenarios—filling databases and remotely examining identity documents.
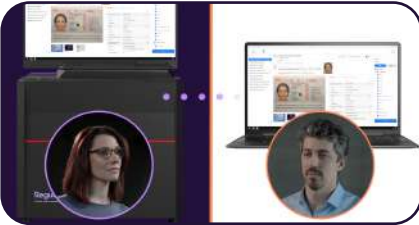

Automated Authenticity Verification

An embedded authenticity verification module automates key checks—like text validation, format control, and optical analysis under various light sources—helping experts work faster. It flags inconsistencies for manual review and cross-checks luminescent text, MRZ, barcodes, and document patterns under UV and IR to confirm authenticity across multiple security elements.

Remote access for expert analysis

The software's standout feature is its built-in remote access capability. With a copy of the included software installed on their computer and a stable Internet connection, experts can fully operate the device and analyze images as if they were right next to it.
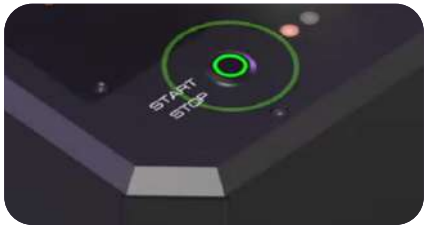

Integration with Information Reference Systems*

Experts benefit from direct access to the Regula Information Reference Systems, allowing them to compare examined documents with database samples. With these systems the 88XX makes it easy to enrich the database with high-quality images of local documents and even create custom collections, such as counterfeit document archives.

Flexible report generation

The result of any examination is an expert opinion, reflecting their conclusions regarding the authenticity of the document. The software can automatically generate basic reports in popular formats—RTF, DOC, PDF, Excel, HTML, and more, significantly simplifying experts' work and saving them time.

OVI and hologram visualization

Modern documents commonly incorporate security features like OVI and holograms. With oblique lighting, the device fully visualizes these dynamic features, capturing sequential images that can be saved as a GIF, OVI or a summarized image.
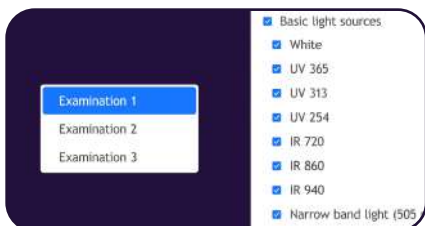

One-button scanning for efficiency

The device features a single button—Scan. With one press, it automatically captures a set of required images. By default, images are taken under all available light sources, providing up to 21 images. However, you can pre-select specific ones to speed up the process.

Face Matching

The software enables comparison between the passport's visual photo, the RFID chip photo, and a live photo captured in real time using a connected camera.

Automation of routine tasks

The software allows you to create predefined scanning scenarios, such as capturing images under specific light sources and settings based on a document's security features.

*Regula IRS comes separately. Also, Regula Document Builder is required for adding your samples to the IRS.
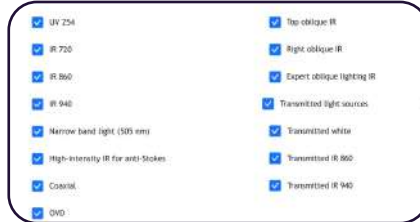
Hardware Features

The scanner's minimalist design conceals a range of advanced engineering developments that enhance its usability. From a powerful camera with precise optics to fine adjustments—the Regula 88XX represents the cutting edge of forensic hardware for professional scanning.
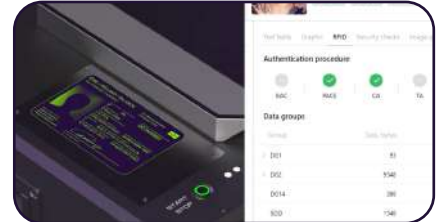

400* MP camera

An unmatched resolution of up to 4380 ppi, provided by an advanced 400 MP camera, makes it easy to examine microprinting, perforation, detect morphing and other inconsistencies in counterfeit documents.

A variety of light sources

Depending on the model, the Regula 88XX is equipped with 10 to 16 light sources—including incident, oblique, coaxial, transmitted and high-intensity infrared in different spectral ranges—which which makes it possible to capture images and visualizing all security features in identity documents and banknotes.
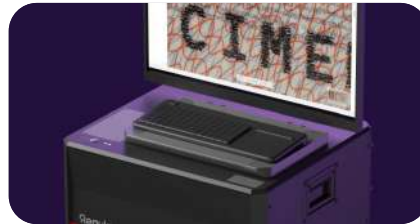

Electronic document reading

The built-in RFID chip reading module enables the recognition and verification of electronic identity documents while performing cross-checks of the data within the document.

All document formats

The device captures high-resolution images of ID1, ID2, and ID3 document formats, including a full passport spread.

All-in-one scanning solution

The high-resolution scanner features an integrated computer, a full HD multi-touch display, and pre-installed operating software, making it a complete solution.

*Available in Regula 88100. Other models feature cameras ranging from 80 to 187 MP.

To learn more about Regula products, visit ↗ regulaforensics.com