



Operating Forensic Light Kit

Regula 3116 / 3116M

with Regula Forensic Studio

Version RFS 5.6

User Guide

RGVI.49.0066555 UG

REGULA

2026

1 TABLE OF CONTENTS

1	TABLE OF CONTENTS.....	2
2	GENERAL INFORMATION	3
3	INSTALLATION	4
4	OPERATING DEVICE.....	6
4.1	Structure and Synchronization	6
4.2	Calibration.....	9

2 GENERAL INFORMATION

The **Forensic Light Kit Regula 3116** is a toolkit designed for detecting critical evidence in any environment—from crime scenes to forensic laboratories.

The kit operates exclusively via the **Regula Forensic Studio (RFS)** software and does not function autonomously. For detailed instructions on using the software, refer to the **Regula Forensic Studio User Manual**.

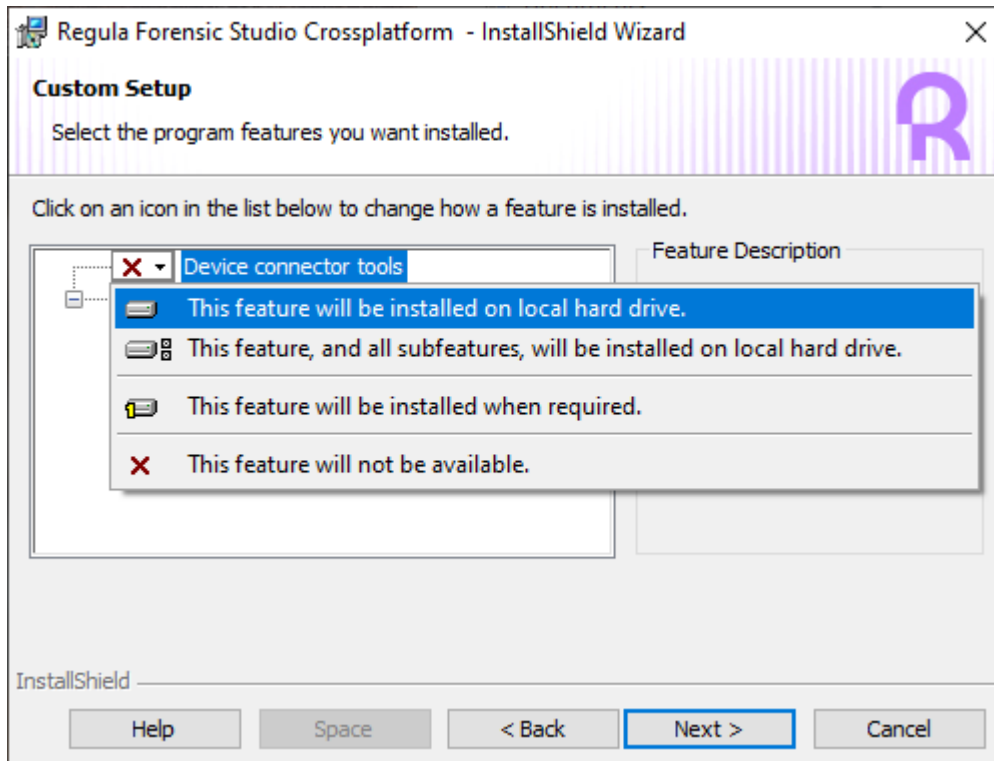
An active Regula Forensic Studio license is required to use the kit.

3 INSTALLATION

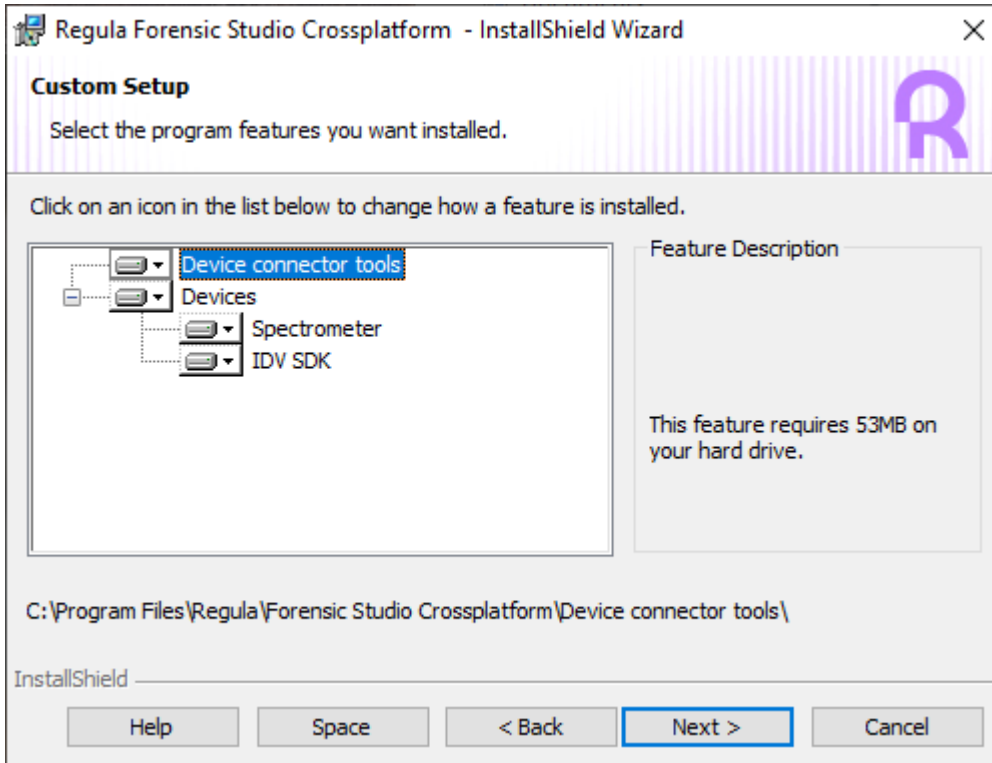
To install Regula Forensic Studio, perform the following operations:

1. Run the installation package and follow the instructions.
2. On the **Custom Setup** step, open the drop-down list in the **Device** connector tools field and select

This feature will be installed on local hard drive:



The window should appear as shown below:



3. Click **Next>**.
4. Once the installation is complete, turn on the smartphone-based imaging device and connect it to the USB 3.0 port on your computer.

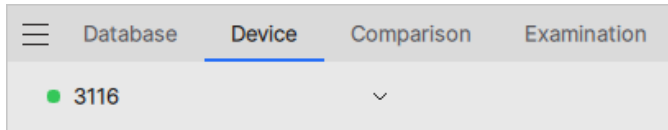
Note. The smartphone-based imaging device comes preconfigured, but if its settings are ever reset, follow these steps to set it up:

1. Open **Settings → About phone**.
2. Tap the **Build number** field **eight times** to activate **Developer mode**.
3. Go to **Settings → Developer options**.
4. Enable **USB debugging**.
5. Run the **VC_redist.x64.exe** installer.
6. Run **device-connector.exe**.
7. Connect your device to the computer via **USB**.

4 OPERATING DEVICE

To connect the device, in RFS, open the **Device** tab, click **Connect Device** in the upper-left corner and select **3116** in the drop-down list.

The connected device state looks like this:



Note. If the device is not listed among the available devices or if connection errors occur, check the correctness of the device connection and the installation of software components.

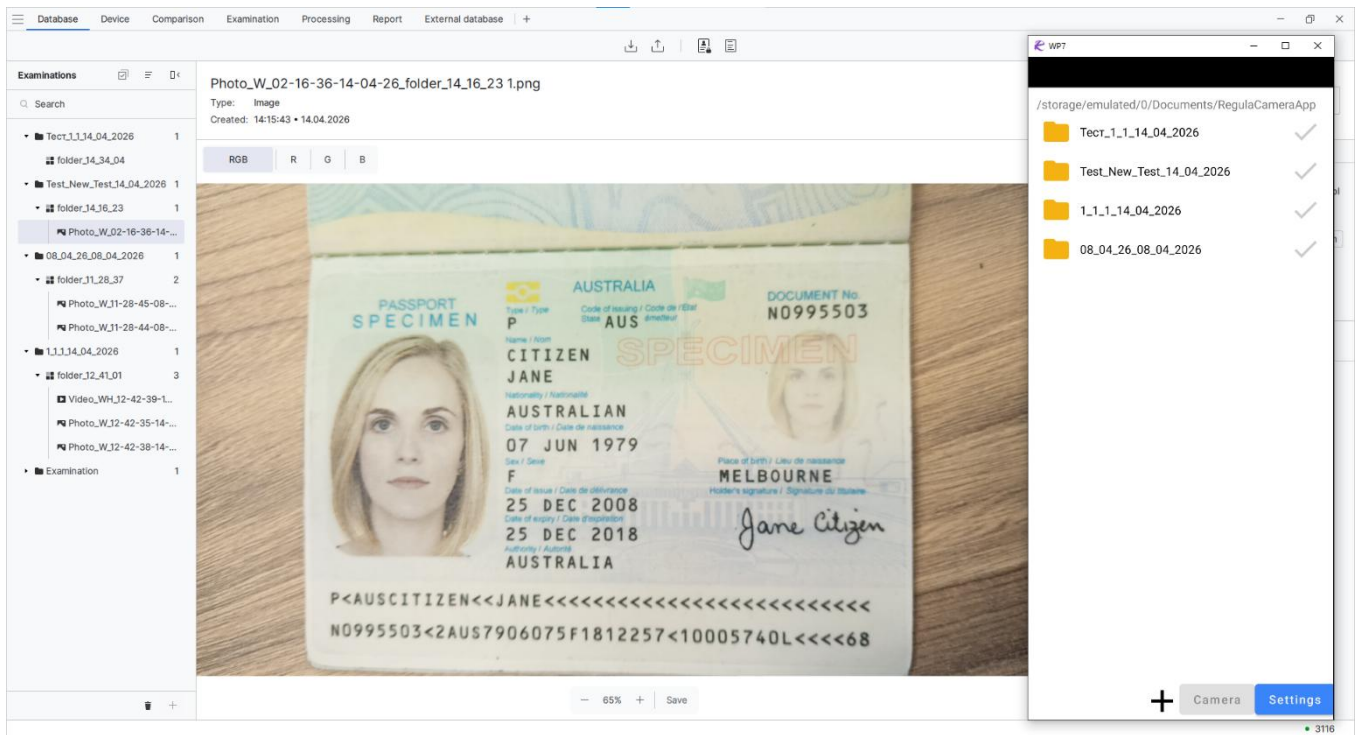
4.1 Structure and Synchronization

The folder structure on the 3116 device corresponds to the folder structure in the **RFS Database**.

For example:

RFS Database	3116 Device Database
• Examination ○ Object ▪ Image 1 ▪ Image 2 ▪ Video 1 ▪ Video 2	• Main folder name (defined by user on device) ○ Object folder name (generated automatically by the system and includes the date and time) ▪ Photo 1 ▪ Photo 2 ▪ Video 1 ▪ Video 2

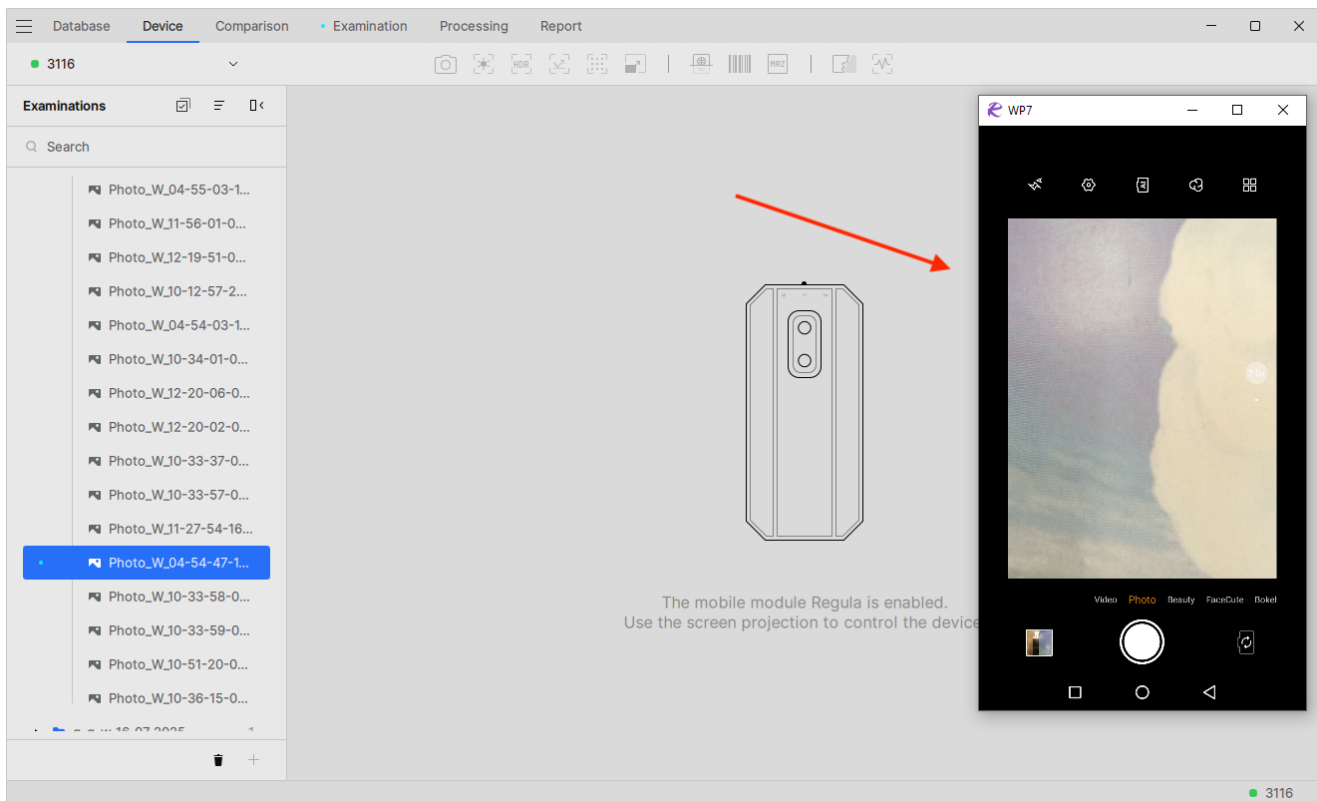
Connecting the device initiates synchronization of the RFS database with the data stored on the photo and video recording device. Photos and videos captured and stored on the device are automatically uploaded to the **RFS Database** and displayed in the **Object** folder.



Files are saved on the computer to the working directory specified in **Control and Settings Menu** → **Settings** → **Database**, in the **Working directory** field.

Note: If a file is deleted from the **RFS Database** but remains on the 3116 device, it will be detected again and re-uploaded to the **RFS Database** during the next connection and synchronization.

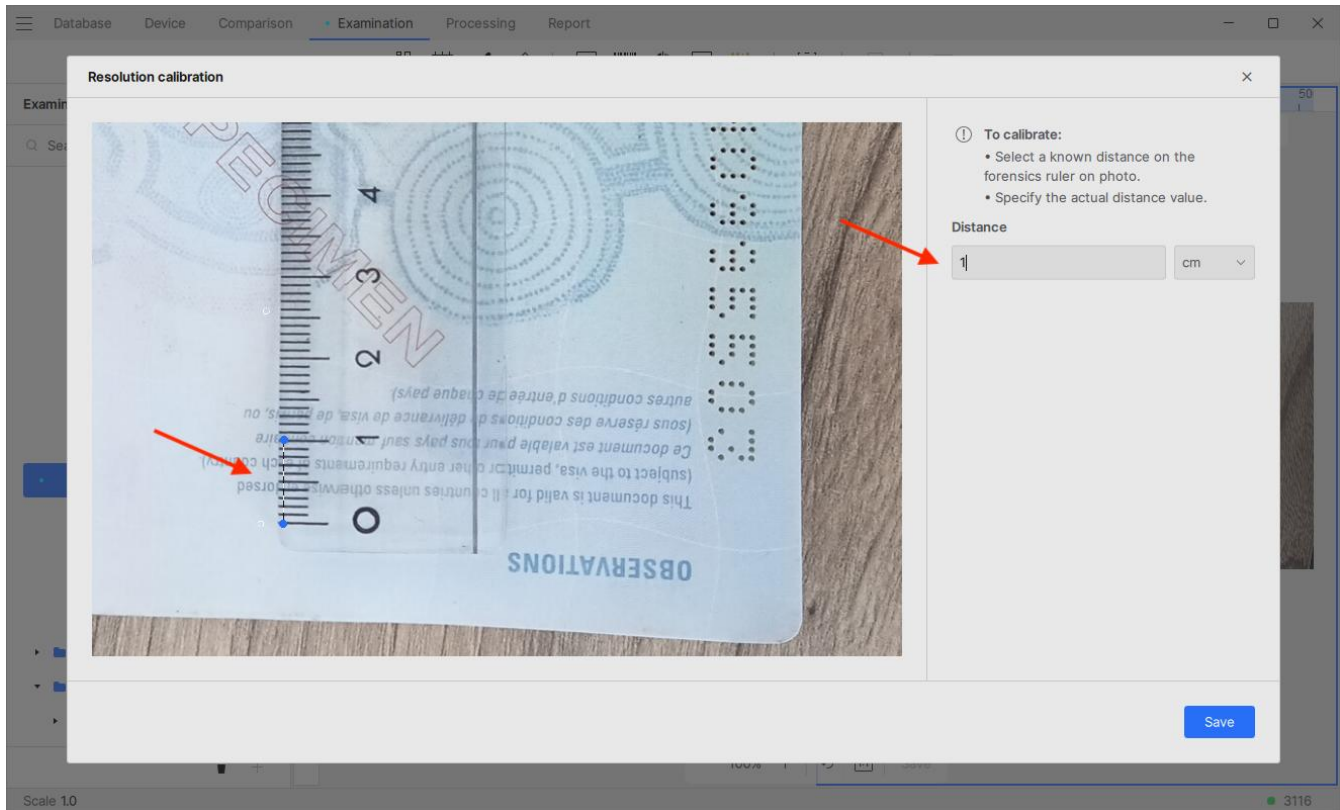
The live video feed from the device camera will be displayed on your monitor in a separate window:



Note: For measurements, all photos must be taken **straight on**, not at an angle.

4.2 Calibration

When opening an image without DPI information for the first time, the calibration window will open automatically:



To calibrate:

1. Draw a line on the image to indicate a known distance by clicking the left mouse button: first click—start point of the line, second click—end point of the line.
2. Enter the actual distance (measured with a ruler) into the **Distance** field.
3. Click the **Save** button to apply the calibration.

For detailed instructions on using the software, refer to the **Regula Forensic Studio User Manual**.