

SPECTRAL LUMINESCENCE MAGNIFIER Regula 4177



**Portable USB 2.0 spectral luminescent magnifier
for authenticity examination of travel documents,
banknotes, securities as well as for examination
of special pigments and materials properties.**

Technical specifications:

- Optical Zoom: x 2
- Digital Zoom: x 4
- Data and power interface – USB 2.0
- Resolution – min. 2500 ppi
- Viewing field – 12.5 x 10mm
- Video sensor resolution:
 - 1280x1024 pixels (15 fps)
 - 640x480 pixels (30 fps)
- Sensor type – CMOS 1,3Mp

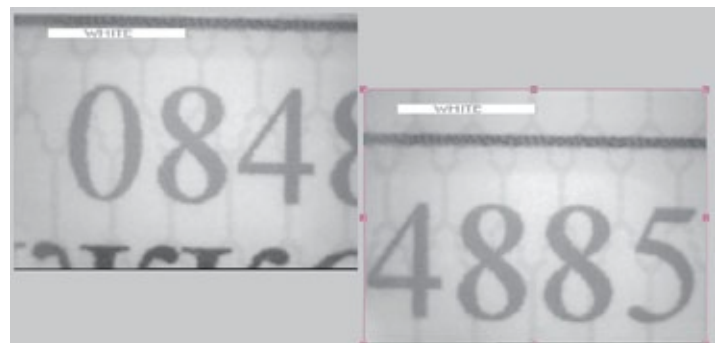
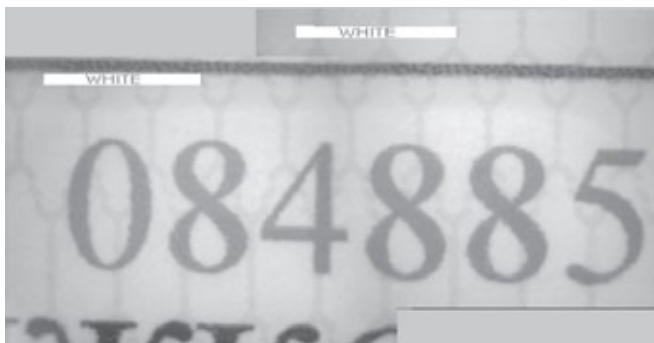
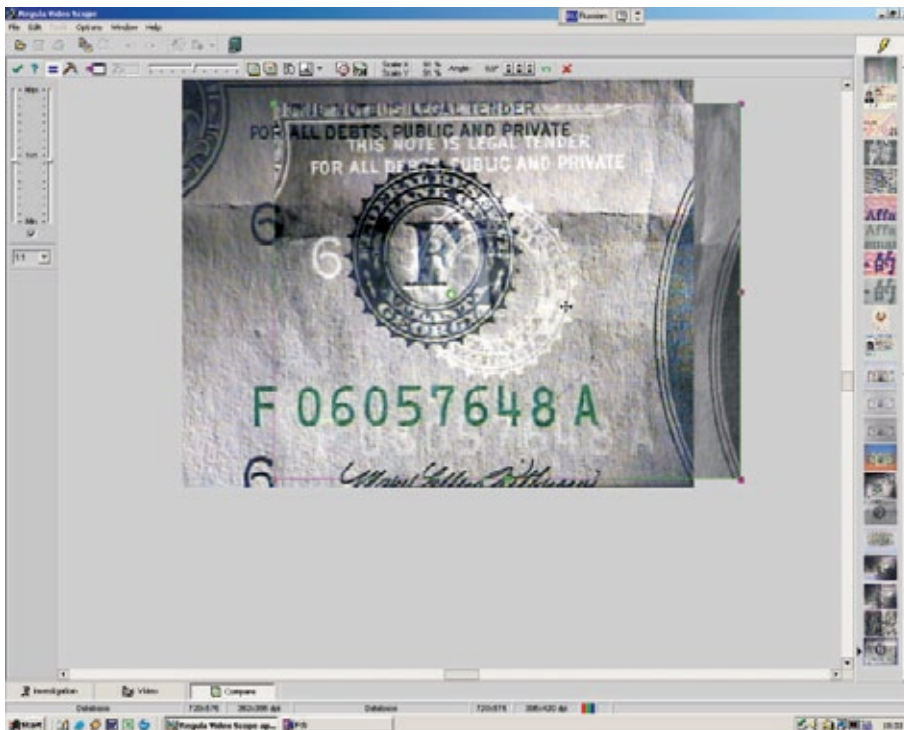
Light sources:

- incident white
- oblique white from different sides
- IR 870 nm
- IR 940 nm
- oblique IR 870 nm from different sides
- green 530 nm (for IR luminescence)
- UV 365 nm
- high intensity IR 980 nm (for anti-Stokes)

Camera filters:

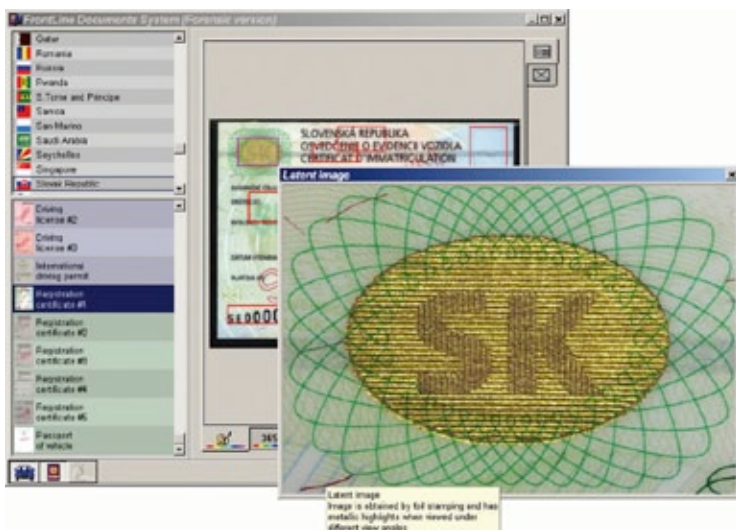
- IR high pass (700 nm)
- Low pass (670 nm)

Spectral Luminescence Magnifier comes with “VideoScope” software for capturing, processing, analyzing, comparing and archiving images.



Optionally device may be used with:

1. "Passport", "Autodocs", "Currency" databases, containing detailed description of security features for travel documents, driver's licenses and vehicle registration certificates, banknotes.



2. Optional devices (LIGHT TABLE PRO model 4167 and OPTICAL MODULE model 4178) for forensic control of security features in questioned papers.



This combination makes complete forensic solution of uniquely integrated interoperable hardware, software and databases.

Examples of document examination

