

# Spectral Luminescence Magnifier 4177

**ZETOS** PROTECT  
DETECT  
SWISS FORENSIC SUPPLY CERTIFY



Portable USB 2.0 device for authenticity examination of high security documents such as banknotes, passports , etc. for application in forensic investigation as well as for examination of special pigments and materials properties.

# Spectral Luminescence Magnifier 4177



## Investigation characteristics:

### Light sources:

- upper white
- upper UV 365 nm
- upper IR 870nm
- upper IR 940 nm
- upper green 530 nm
- white oblique
- IR oblique 870 nm
- high intensity IR 980 nm (for anti-Stokes)

### Investigation modes:

- investigation in white light
- investigation in white oblique light
- investigation in IR oblique light
- investigation of IR - luminescence properties of the materials
- when excited by UV light

**Filters**.....IR - transmitting filter 700-1100 nm

### Optical characteristics:

Resolution.....not less then 2500 dpi

View field.....12,5 x 10 mm

### Sensor characteristics:

Sensor type.....1,3 Mp, CMOS, color

Resolution.....1280 x 1024 active pixels

Dinemic range.....60 dB

Maximum data stream....30 frames per second in resolution 640 x 480

15 frames per second in resolution 1280 x 1024

### Other characteristics:

Size.....94 x 59 x 52 mm

Weight.....not more then 130 g

Power consumption.....not more then 3 Wt

Interface.....USB 2.0

### Minimal system requirements to PC:

Processor Intel Pentium III, Celeron 1 GHz, AMD-K7 or higher.

Windows XP, Windows 2000.

Port USB 2.0.

RAM 256 MB.

Video adapter, supporting 1280X1024, 24-bit color

