



SCENEview BV800

**NEW: Now modular
concept for more
application versatility**



VIS & IR Evidence Search System

for crime scene use





SCENEview BV800

System Concept

SCENEview BV800 is a fully autonomous system for the search, analysis and documentation of various types of evidence at the crime scene.

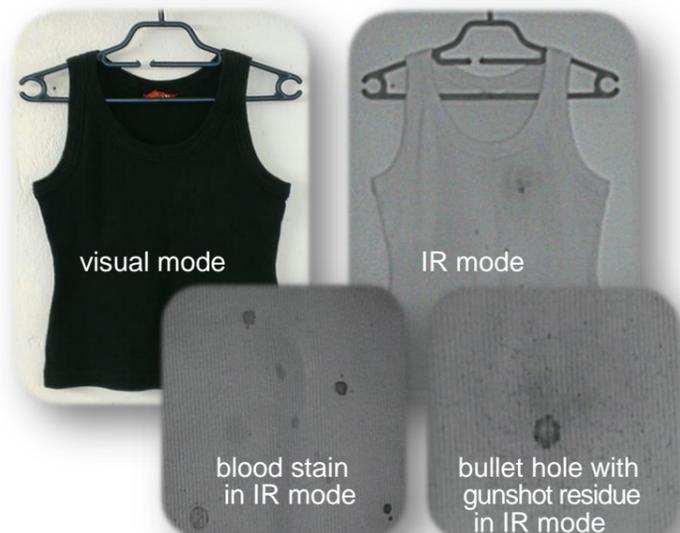
The basic configuration features a very light sensitive camera for the visible and the infrared light band. Besides imaging using ambient light, the system utilises an integrated 850nm IR light source to visualise e.g. dried-up blood or gunshot residue via the IR absorption & reflection effect.

A second camera mounting position can optionally be used for special applications. For blood stains and blood spatter search, using enhancement chemicals like Luminol and derivatives, a powerful residual light amplifier can be fitted. This shows up evidence long before the human eye can see it. An integrated red orientation light helps to safely move about at the crime scene and supports faster dark adaption of the human eye.

This camera can amplify the particular wavelength of the chemoluminescence by up to x 70,000 and achieves better visibility even in semi-dark environment and reduces the amount of chemicals to be applied substantially.

Basic configuration:

- 5 MPix VIS-IR- monochrome/colour camera
- integrated 850nm IR illumination and red orientation light
- integrated control computer with photo and video recording function
- second camera mounting position for specialized applications



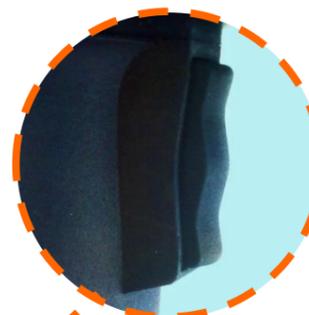
PC Interfaces

Various interfaces (2x USB 2.0, LAN connector and display port) are located behind a dust protection cover at the base of **SCENEview**.



Manual & Auto Focus

Two buttons (suitable for right and left hand use) on the handle of **SCENEview** allow focusing of an object. In IR mode, the system features auto focus. Without a second hand or changing grip the user can take a snapshot or start recording a video.



Integrated Illumination

SCENEview features a 850m IR illumination and a red orientation light that allows fast dark adaption of the human eye.

Further wavelength of light for a variety of applications can be realised by adding one or more **LIGHTcubes** (see image bottom right).



Rechargeable Batteries or Mains Power Supply

SCENEview can be operated from a rechargeable battery or a mains power supply (available optionally). Operated via battery, one of the two batteries supplied in the basic kit can run the system at the crime scene for more than one hour recharging is possible in typically less than 25 minutes.

NEW: More flexibility and applications

SCENEview features in the basic configuration camera, light and filter combinations for the visible and the IR. Now new, we offer a modular configuration with additional cameras, e.g. the residual light amplifier for Luminol application or the option to add specialised light sources via **LIGHTcube** e.g. for the visualisation of body fluids or other type of evidence. Contact us for more info.



Embedded Controller

An embedded controller has been integrated in the base of **SCENEview**. This allows recording of pictures or videos without the need for an external PC. Back in the laboratory, the data can simply be played out to e.g. a standard USB pen drive.



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Evidence found at a crime scene, such as blood or body fluids can yield valuable information about the circumstances and progression of a crime. Larger, e.g. dried up blood stains may be seen on various surfaces by the naked eye. Better results can be obtained with an IR sensitive camera.

Attestor Forensics' **SCENEview BV800** is the perfect tool for the search and documentation of blood spatter patterns at a crime scene. Due to its modularity and expandability it is also perfect for other type of evidence, e.g. body fluids.

For very small or highly diluted blood spatter, typically chemical reagents as Luminol or derivatives are in use, which show a chemoluminescence when in contact with blood. The luminescence reaction can though be rather weak and can only be reproduced a limited number of times.

With an optional integrated ambient light amplifier it allows optimum search results even when the crime scene cannot be darkened perfectly. Due to the light amplification luminescence effects can already be seen with a minimum amount of chemical being sprayed across the search area. Therefore the possibility to repeat and reproduce the effects for a subsequent documentation is higher.



Basic Configuration

- VIS & IR sensitive 5 MPix camera
- manual & auto focus
- optical filter to enhance the IR absorption contrast, screw-on 37mm
- integrated 850nm IR illumination and red orientation light
- integrated control computer with interface for external monitor, mouse and keyboard as well as USB pen drive
- 6,5" colour display
- integrated photo and video recording function

Already included in the basic kit:

- solid, dust & water proof transport carry case (430 x 525 x 210mm) with laser cut foam inlay
- 2x 18V/2 Ah rechargeable Lithium-Ion batteries (typical operating time per battery > 60 min.)
- battery adapter with coiled cord (expandable from 300 to 1200 mm)
- 1x battery pouch with shoulder strap
- 1x fast battery charger (typical charging time per battery < 30 min.)
- 1x padded carrying holster
- 1x user manual

High Grade Residual Light Amplifier (optional)

- light amplification up to x 70.000
- 1.3 MPix imaging interface
- optical filter to enhance the Luminol luminescence contrast, screw-on, 37mm



SVBV800KIT

Optional expandability through LIGHTcube

Separate, modular light modules (see inner page) allow usage with a variety of different types of evidence.



SVPWR 800
Mains Adaptor



RCB 800
Basic & Advanced Remote Controls



RCA 800
Remote Controls



EVT 800
Encrypted Wireless Video



TA 800
Tripod Adaptor



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