



# **LAB**view BV900

*Generation II*



## Evidence Viewing System

for examination & documentation  
of blood, gunshot residue and  
many other types of evidence  
in the forensic laboratory



## System Concept

**LABview BV900** is a fully autonomous system for examination and documentation of evidence. With an integrated controller with touch screen operation, no external PC is required. The system is compatible with other systems and can be connected to a laboratory computer network for storing or exchanging images.

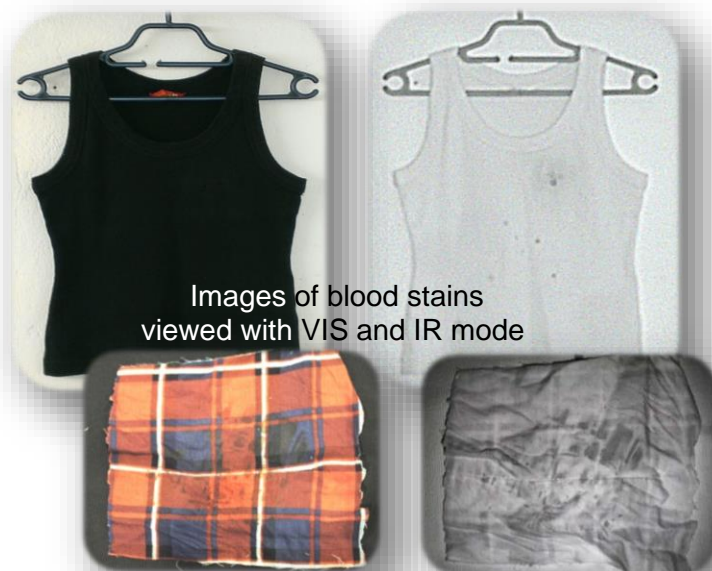
With a powerful 10 MPix camera, sensitive up to near IR, the system can be used for screening blood stain or gunshot residue evidence. Integrated 850nm IR illumination means no extra IR light source is needed.

Other types of evidence like other body fluids and chemically developed evidence like Ninhydrin, DFO and IND treated fingerprints, or other fluorescent materials can also be examined using the customizable motorized filter wheel and modular light source system.

**LABview's** residual light amplifier boosted camera also enhances visibility of Luminol and derivatives, reducing the amount of developer needed and preserving evidence.

## The Applications at a Glance:

- IR screening & imaging for dried **blood** and **gunshot residue** with up to 10 MPix
- enhanced screening & imaging of **Luminol** and derivatives with up to 1.3 MPix
- screening and imaging for other types of evidence **using existing forensic light sources** or by adding additional **LIGHTcubes**



Images of blood stains viewed with VIS and IR mode

## Mounting Options

**LABview** can be mounted on standard laboratory stands or specialized screening stands. Especially for the screening of larger exhibits without moving evidence, it is recommended to use the system in combination with a workstation like those from the **EVIscreen** series (pictured center and right).



# LABview BV900 Generation II

## Manual & Auto Focus

Each handle of **LABview** features focus buttons, enabling fast and easy focusing on an object. Fixed zoom in combination

with a large focal range allow full evidence shots as well as detailed macro photography.

A snapshot button at the front of each handle enables instant recording of images and videos using the selected camera.



Bullet hole with gunshot residue in IR mode

## Cameras and Filters

**LABview** can be fitted with two different camera systems. By default the system is equipped with a 10 MPix VIS/IR colour & monochrome camera and the required VIS and IR camera filters, mounted on a motorized filter wheel. Mounting positions for up to 9 additional customizable filters allow system expansion with additional light modules for additional applications, like visualisation of other body fluids with UV or blue light. Existing light sources already in the laboratory can be used with the system as well with our customizable filter options.

A second camera mounting location means extra equipment like light amplifier cameras for better visibility of Luminol and derivatives can also easily be added to the system.

## Modular Illumination

**LABview** features the novel, modular light system **LIGHTcube** for optimum illumination of the evidence material.

Standard orders of the system include **LIGHTcube** modules in white and IR (two of each type). By adding additional modules, the user can increase illumination power or add additional light colours for more versatility, expanding options for types of evidence examination and photography.

## Embedded Touch Panel Controller

User control Via the **LABview** system via a touch screen display. The software features automated functions that select the right filter when activating a light source, and allows recording of pictures or videos without the need for an external PC. Recorded images and videos can be transferred to other systems via a simple standard USB pen drive or a LAN connection.

Scan the QR code for more info and a video.







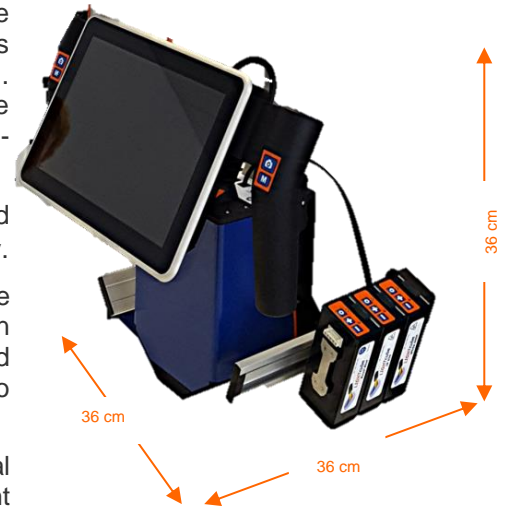
# LABview BV900

Blood stains and other body fluids are a valuable source of DNA evidence and are often found at crime scenes. Other types of evidence, such as gunshot residue, fibers, and fingerprints are also routinely encountered. All of these evidence types can be very difficult to see with the naked eye and can be difficult to document, making evidence processing more time-consuming.

**LABview BV900** by Attestor Forensics is the perfect tool for the fast and efficient examination and documentation of such evidence in the laboratory.

With a modular camera configuration, including a 10 MPix VIS & IR sensitive colour and monochrome camera, it yields optimal search results. An integrated IR light source perfectly suits the needs of searching for dried blood and gunshot residue. A customisable filter wheel allows the system to match forensic light sources already available in the laboratory.

A second camera mount option also allows adding accessories for special functions, such as a high grade light-amplifying camera for low-light environments, Luminol, and other developers that give off faint luminescence or fluorescence.



## VIS & IR-Sensitive Colour Camera

- 10 MPix resolution
- auto focus and manual focus options

## Image Processing

- integrated 10" touch screen controller with interfaces to external monitor, mouse, keyboard or USB pen drives

## Mounting Options (available separately)



mounted on a standard camera stand



wall-mounted with  
a camera arm  
(part of **EVIscreen**)



mounted on a full **EVIscreen** system

## High-Grade Residual Light Amplifier

- light amplification up to x 70.000
- image interface with 1.3 MPix resolution
- optical filter for enhancement of Luminol contrast

## Versatility & Expansion

- separate modular light sources (**LIGHTcube**) expand applications to more types of evidence and material examination
- additional special cameras and live view interface for external SLR camera in development

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