



V-Black film diagnostic sensor

The V-Black diagnostic sensor is conceived to detect and document surface imperfections of film material. Using a proprietary illumination technique, the V-Black diagnostic sensor family completely separates in real time the surface and carrier imperfections from the image content.

The surface and carrier imperfection data are collected as result images, categorized image by image and then stored on disk all in one film run.

The system generates defect location information interfacing directly the restoration process.

Diagnoses both film sides in one shot in same place

KEY FEATURES

- Frame rate 0,1 fps to 50 fps
- Proxy view Real time in 1k and surface defect view
- Film formats 8mm to 35mm
- Result storage >2 hrs SSD Disk local capacity
- Topographic resolution 1k
- No heating of the film surface

DEFECT DETECTION

- Splice detection / splice shape
- Deposits detection / deposits distribution
- Markings (fat pen,..)
- Notches and perforations geometry
- Scratches detection / scratches geometry
- Film border geometry

SPECIAL

- Proxy image and defect detection at the same place
- Infrared ready
- Statistics

