

Digital Fingerprint Detection System



PROXICAM HD1 ASB / T

Applications

- Detection of finger- and handprints
- UV Inspection
- Multispectral investigations
- Laboratory or crime scene

Features

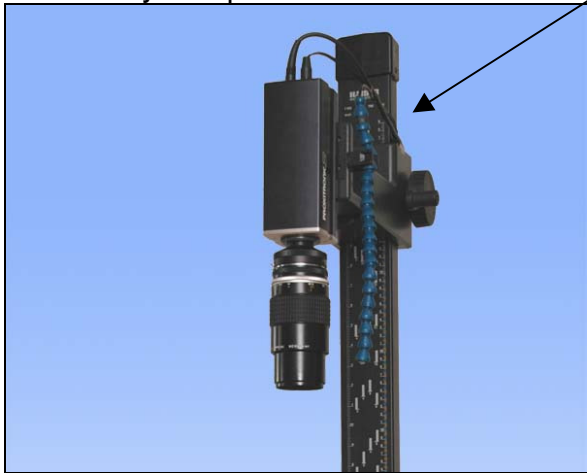
- UV Imaging
- Spectral range 200..350nm (ASB) or broadband range 200..750 nm (T)
- High resolution
- Digital Camera Output USB2.0
- Several UV Accessories available
- Setup due to customer requirements

Low Light Cameras Special Purpose Cameras	Short Exposure Cameras Pulse Generators	Fiber Optical Coupling Phosphor Coatings	Detector and Camera Upgrades and Customised Prototyping
Solar Blind & Visible Image Intensifiers	UV & X-Ray Cameras Corona Detection Cameras	Customised Facilities & Equipment	Vacuum & Open MCP Detectors

UV imaging is a powerful tool to visualise finger- and handprints on different nonporous materials without prior chemical treatments. ProxiVision as an expert for intensified camera provides a camera which allows for a live and high-resolution visualisation with digital camera during search for evidence. Together with a UV lamp this search even works during normal room light.

The laboratory setup is used to find fingerprints on items in an easy and convenient manner. The live image can be observed and digitally stored on a notebook, PC equipment or any other video equipment.

Laboratory setup



example setup with optional accessories

UV Camera with UV Lens and UV Illumination



Images are transferred to PC via USB2 for visualisation, storage and processing



Setup can be modified on request to fit to customer requirements

Technical data Proxicam HD1 ASB

1,4 MPix Digital Camera	
Input voltage	12V ±10% (max 700mA)
CCD sensor	2/3" SONY ICX 285 monochrome
CCD pixel	1392 x 1040 (H x V)
CCD size	6,6 mm x 8,8mm (2/3")
Output	USB2, max. 15 fps
Input / Output	GPIO (General Purpose Input Output) Trigger in (opto coupled) 2x General Purpose out (opto coupled) 5,5V _{out} , 50mA
Spectral range	200 to 350 nm (broadband UV+visible on request)
Optional accessories:	60 mm f/3,5 UV lens
	UV illumination
	Optical filter
	Laboratory stand
	Software
	Notebook

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