



# SYNTRONICS

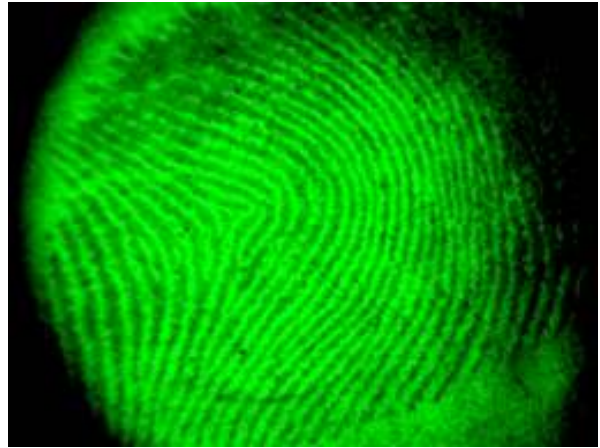
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## LatentMaster UV Viewer



Small and battery operated, the LatentMaster UV Viewer is easy to take to the crime scene. Real time UV viewing means that the crime scene can be quickly and thoroughly searched for latent fingerprints or trace evidence visible only in the ultraviolet spectrum. Clearly identifiable latent fingerprints seen with the UV Viewer can be photographed with an optional digital camera through the UV Viewer. Items of evidence discovered with the LatentMaster UV Viewer, but requiring greater resolution, can be brought to the laboratory and examined with the superior UV imaging of the LatentMaster Workstation, or chemically treated to allow photographing the latent fingerprint in the visible spectrum. The LatentMaster UV Viewer is assembled using a custom designed all Quartz UV lens, a custom manufactured image intensifier tube, and custom optical filters for unsurpassed performance. The LatentMaster UV Viewer uses a low distortion lens custom designed specifically for imaging in the UV spectrum. It comes complete with a rugged Pelican® case, 254nm filter, battery operated 254nm UV lamp, and detailed instructions. A digital camera and mounting bracket are available as options.

### **LM-1/UV Viewer**

Luminous Gain (2850°K):	22,000 typ. to 28,000 max
Gain (internal pot):	Zero to max gain, 20 turn pot
Sensitivity:	$5 \times 10^{-5}$ lux full video
	$1 \times 10^{-6}$ lux useable video

**Miscellaneous:**

Input Power: 2 AA alkaline batteries  
Size/Weight: 242mm x 55mm x 178mm, 1.2 kg  
Lens Mount: 1" format, C-Mount w/ back focus adj.  
Includes: 78mm quartz lens, 2 bandpass filters, handle,  
eyepiece and Pelican<sup>®</sup> carrying case

**Optional CCD Camera:**

Type: Sony XC-ST70 interline transfer  
Sensor: Sony ICX-082, 2/3" format  
CCD Pixels: 768(H) x 494(V)  
Output Signal: RS-170 (NTSC)  
Sensitivity: 0.05 lux

**Optional Digital Camera:**

Type: Olympus C-5000  
Resolution: 5 megapixel  
Focus: Automatic and manual  
Zoom: 3x optical, 4x digital  
LCD: 1.8" silicon TFT

**Optional Digital Video Camera:**

Type: Canon Optura 30  
Resolution: 2.2 megapixel  
Zoom: 12x optical, 240x digital  
LCD: 2.5" TFT  
Digital and still images