



For more information, contact
Mthorsted@syntronics.net or Bmoran@syntronics.net

LatentMaster™ Mobile Fingerprint Workstation



For the first time, everything you need to process a crime scene is available in a convenient carry-on size Pelican® case. The LatentMaster Mobile Fingerprint Workstation includes the new state-of-the-art LatentMaster Blue USB camera with UV quartz lens, LatentMaster software, netbook computer, and various filters and lamps (see reverse side for complete list of system components). The camera is a highly sensitive, solid state video camera. With all quartz optics that span the spectrum from deep ultraviolet (250nm) to infrared (1100 nm), you have the ability to locate, collect and document many types of evidence that are visible at different wavelengths.

LatentMaster Software – powerful image enhancement and processing capabilities

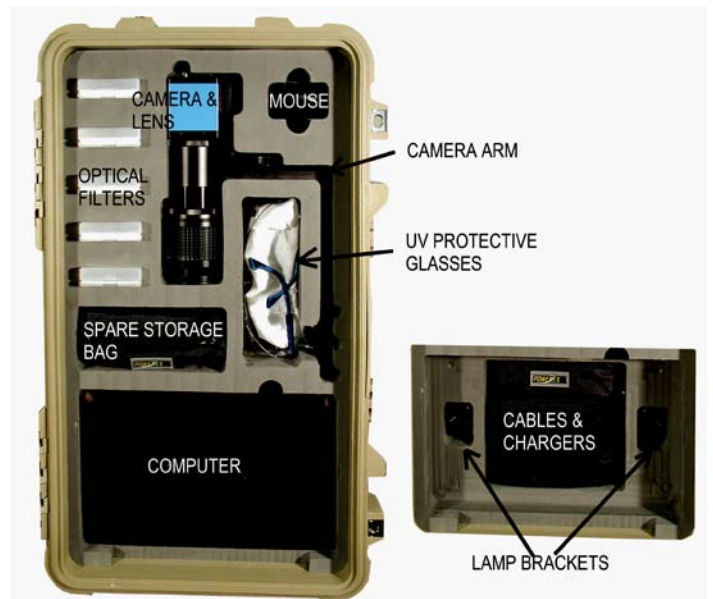
Written specifically for processing latent fingerprints, this one of a kind software is easy to learn and comes with a user-friendly tutorial. Latentmaster has a comprehensive set of image enhancement processes developed specifically for latent fingerprints, such as Brightness/Contrast, Kernel Filtering, Unsharp Filtering, Histogram Equalization, Fourier Processing, and many more. Most of these processes are near real time and interactive, allowing you to see the results as you perform the process.

In many cases, LatentMaster software produces a clearly identifiable latent fingerprint from a formerly unusable one. To ensure complete traceability and to preserve the chain of evidence, every processing step is recorded in a log file. This file can be Undone and Redone, repeating the processing steps on the original latent print to show exactly what was done and the effect of each process on the latent print. LatentMaster will detect more latent prints than any other electronic video imaging system, will significantly reduce the time required to process latent prints, and will result in more identifiable latent prints. LatentMaster is by far the fastest, most powerful image enhancement system available at any price.

The LatentMaster Mobile Fingerprint Workstation, packaged in a rugged Pelican® case, is easy to pack up because there are compartments for all the different components. The camera slides along an arm that is attached to the Pelican® case, allowing you to move it to various heights for different fields of view. The camera stand folds down out of the case, but remains attached. The netbook computer is lightweight yet is big enough to type on comfortably. There are several different filters and lamps, maximizing your chances of locating and documenting various forms of trace evidence that fluoresce or become visible at different wavelengths.

System components

- Pelican® case
- LatentMaster USB IR/VIS/UV Camera
- 50 mm, F3.5 Quartz Lens Assembly
- 10.1" netbook computer
- LatentMaster software and manual
- Integrated camera stand
- Camera arm
- Two 12" flexible lampholders w/ brackets
- UV filter
- 365nm UV Bandpass Filter
- 445nm Luminol Filter
- OG 550 Filter
- 695nm IR Filter
- 830nm IR Filter
- 3 watt, 365nm (UV) LED lamp
- 3 watt, 450nm (Blue) LED lamp
- 3 watt, 520nm (Green) LED lamp
- 3 watt, 625nm (Red) LED lamp
- 3 watt, 850nm (IR) LED lamp
- 2 pair UV safety goggles
- Wireless mouse
- Two storage bags
- Camera USB cable
- Netbook battery charger
- Two 110/220V lamp battery chargers
- One 12V lamp battery charger
- One 12V to 110V inverter
(components subject to change)



Syntronics, LLC
3500 Shannon Park Drive
Fredericksburg, VA 22408
Tel: (540) 374-1000
www.syntronics.net

For more info, call Mike Thorsted x114 or Bob Moran x111