

THE ALL NEW FSIS II



The new Full Spectrum COLOR Imaging System (FSIS-II) is the most advanced forensic image capturing system in the world. The FSIS-II features a patented 20MP digital camera with 50mm UV lens. Now, for the first time, the new FSIS-II can capture an image in FULL COLOR! With over 20 megapixels of resolution and sensitivity from 254nm to 1100nm, the FSIS-II can easily capture a full handprint at 1000 PPI (pixels per inch), and micro evidence up to 4,800 PPI. No more looking for a latent fingerprint with a handheld RUVIS and then blindly photographing the evidence in order to get a high resolution image. No more green, grainy, low resolution images with a capture area limited to 1"x 1" by the old RUVIS technology. The FSIS-II will digitally capture a high resolution image and display it in real time, allow the user to adjust settings real time, then capture the image in full color! The system begins with the patented camera and continues with the computer, a Dell OptiPlex Micro Plus computer mounted to a high resolution 27" touchscreen display running Windows 11 Pro. The system's patented curved surface software is revolutionary. Using the integration feature, evidence can be captured even on round or curved surfaces, such as a wine glass. With a state of the art computer, a high sensitivity solid state camera, and software written specifically for capturing various types of evidence, the FSIS-II provides consistent sensitivity and sharpness in the UV, visible and IR spectrums. Although the key feature is viewing and capturing untreated latent prints at a very high resolution, the FSIS-II is not just for fingerprints. The large field of view (5.4" x 3.6"), high resolution (up to 4,800 PPI), and full spectrum capability (254nm - 1100nm) provide an extraordinary system to view and capture COLOR images of altered documents, urine, semen, saliva, blood, GSR, footwear, fumed prints, dye-stained prints and more. Forensic photography just got a lot easier because now you can see and adjust the image real time and capture the image in full color! The FSIS-II is an amazing instrument that will maximize the efficiency and results of all criminalists who use it. The FSIS-II Lab system is designed specifically for a laboratory environment. The approximate lab footprint is 36" x 36" x 24". An articulating arm and a 27" display allow for clear, fast evidence scanning. Hands free image capture is easy using the integrated foot pedal and a mounted UV light. The FSIS-II will increase throughput by minimizing the time needed to get quality color images of evidence. There is absolutely no limit to the various types of evidence that can be processed using the FSIS-II. Put it to the test and request a demo today!

A-FSC-1-FS-30

Price includes 2 year manufacturer warranty. *Extended warranty available upon request.

WHAT'S INCLUDED

- Dell OptiPlex Micro Plus computer mounted to a high resolution 27" touchscreen display with wireless keyboard and mouse. Windows 11 Pro, I5 Intel processor with 16GB RAM and 512GB SSD.
- 20MP Digital FSIS-II camera, w/ 20 Megapixel resolution able to image a 5.4" by 3.6" area with 1000 PPI resolution from 254nm to 1100nm. Able to capture FULL COLOR 24 bit images (60MB file size). Camera is pre-threaded for optional tripod mounting.
- Patented Curved Surface Software
- Integrated Foot Pedal (for hands-free image capture)
- Articulating Camera Arm
- Flexible Arm for Light Source
- 50mm UV Lens with Universal Filter Holder
- 365nm UV Bandpass Filter
- 445nm Blue Bandpass Filter
- 695nm IR Filter
- 3 Position Filter Slider includes: 254nm UV, 550nm Orange, 830nm IR Filter
- Shortwave (254nm) UV Light
- 3 watt, 365nm (UV) LED Flashlight
- 3 watt, 455nm (Blue) LED Flashlight
- 3 watt, 525nm (Green) LED Flashlight
- 3 watt, 625nm (Red) LED Flashlight
- 3 watt, 850nm (IR) LED Flashlight
- Chargers for Flashlights (12V, 100-240VAC)
- UV Face shield
- UV and Orange Goggles

Specifications subject to change.

WHAT'S NEW

FULL RESOLUTION FRAME RATE HAS INCREASED

UP TO 18 F/S - WHEN EXPOSURE IS SET TO 55MSEC OR LESS

FAST SCAN FRAME RATE HAS INCREASED

UP TO 60 F/S - WHEN EXPOSURE IS SET TO 17MSEC OR LESS

ZOOM FOCUS FRAME RATE HAS INCREASED

UP TO 142 F/S - WHEN EXPOSURE IS SET TO 7MSEC OR LESS

FULL RESOLUTION HAS INCREASED BY 25%

IT IS NOW 20MP

FAST SCAN RESOLUTION HAS INCREASED BY 25%

IT IS NOW 2.2MP

THE 1000 PPI IMAGING AREA HAS INCREASED

IT IS NOW 5.4" BY 3.6"

MAXIMUM RESOLUTION HAS INCREASED TO 4,800 PPI

AT 4.2" DISTANCE AT 254NM

HDR ENHANCEMENT AVAILABLE IN LIVE VIDEO AND IMAGE CAPTURE

HDR CAPABILITY OFFERS GREATER DETAIL IN DARK IMAGES



EXHIBIT Images of latent prints on a credit card were developed with cyanoacrylate & revealed using a 254nm UV lamp & specialty UV filter (both included with the Workstation).

A



A The evidence is a lightly fumed credit card with complex background.



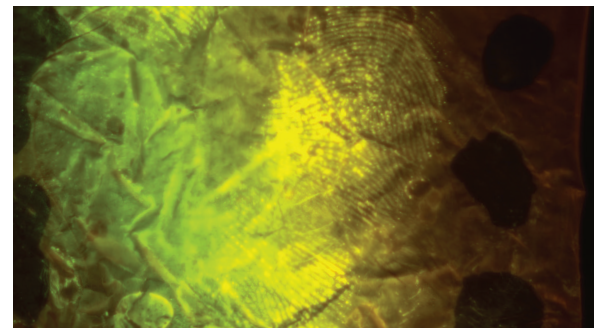
B High contrast prints are revealed & background is dropped. Process time took less than 2 minutes.

EXHIBIT High resolution images can be captured in color and black and white making photographing evidence such as altered documents, urine, semen, saliva, blood, GSR, footwear, fumed prints, dye-stained prints (and more) seamless and consistent.

B



A Evidence can be captured in full color at high resolution for clarify color of evidence.



B The same evidence can be captured seamlessly with 455nm light with the same high quality.