

# *RUVIS & ALS Systems*





# RUVIS Systems

Detect latent fingerprints ***without the use of powders or chemicals*** by using our Reflected Ultraviolet Imaging System (RUVIS). RUVIS is most effective on smooth, non-porous surfaces (flooring, walls, countertops, tables) and on multi-colored surfaces like magazine covers.

## How does this work?

RUVIS uses shortwave UV light. This light is reflected or absorbed by most surfaces but with the residues in fingerprints, the UV light is reflected and scattered. Using a special lens and a UV filter, the system converts the UV wavelength to visible light, revealing the latent print. Since most materials absorb shortwave UV light, the background appears black and only the print is visible, eliminating background patterns and colors.



## With RUVIS, you will:

- Find fingerprints and footwear impressions on smooth, non-porous surfaces.
- Enhance the ability to see cyanoacrylate fumed prints without using dye-staining, lasers, or alternate light sources.
- Detect other evidence you may not have otherwise seen

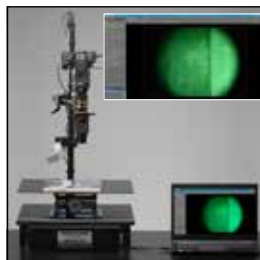
## Four options to match your needs:

- KRIMESITE™ Imager
- Scan-n-Find™ Imager
- Cyclops Imaging System
- KRIMESITE™ Capture

## Master Krimesite Capture System

Harness the power of RUVIS in the field and in the lab to make your investigations more efficient and find more evidence.

**See Page 6 for details!**



## RUVIS Pro Tips



Please keep in mind that DNA will degrade if DNA is overexposed to shortwave UV light for an extended period of time. The degradation depends on many factors, including:

- The intensity of the light source being used
- The distance that the light source is from the DNA
- The amount of exposure time
- The type of stain or residue

Your agency should develop a standard operating procedure (SOP), such as the one below:

If you're using the Imager to search for latent prints and see what may be biological stains or other sources of trace DNA, we highly recommend you follow the procedure below:

- Turn OFF Shortwave UV light source
- Swab the suspected area for potential trace DNA
- Cover suspected area with UV-blocking material to shield potential trace DNA from shortwave UV light source
- Finish conducting your search for untreated latent fingerprints



Training is essential to get the most out of your RUVIS unit. Sirchie offers training for purchase as a service via our KSSTRAIN offering. Contact us for more details.

## KRIMESITE™ Imager Kits

### KRIMESITE™ Direct View Kit

From its lightweight body to its superior lens with dual filter slide assembly, the KRIMESITE™ Direct View sets a new standard for crime scene search capability.

The 60mm UV lens is our very finest and doesn't require any add-on lens adapters for close-up or distance viewing. Because of this exceptional lens and filter combination, you can view close-up and distance and photograph without ever changing the mechanical configuration of the device. This kit comes

with everything you need to search a crime scene for latent prints.



The KRIMESITE™ Imager can be configured for use several ways.

### KRIMESITE™ Direct View Kit with Black Talon Stabilizer

The Black Talon Stabilizer is designed for investigators to get the correct lens-to-subject distance for photography. Available as a single item or as part of the KRIMESITE™ Imager Direct View Kit.



#### Features are:

- It has a built-in precision laser-engraved sliding photo evidence scale that is easily positioned into or out of the field-of-view, allowing the photography to be scaled 1-to-1 at a later time.
- Dual 4-watt shortwave UV lamps are attached to the fully adjustable support/swing arms so you can get the angle you need for maximum contrast.
- The talon stabilizer was created for the KRIMESITE™ Imager and it can be used as a rest spot for the Imager when not in use.
- For close-up photography, tripods can become cumbersome. The stabilizer eliminates this with sturdy support on vertical or horizontal surfaces/evidence.
- For longer shots when a standard tripod is needed, the stabilizer can be quickly mounted to the tripod.



**No. KSS60** **KRIMESITE™ Direct View Kit** **\$15,007.50**

**No. KSS60TALON** **Direct View Kit w/Black Talon Stabilizer** **\$15,473.25**  
**No. BTS100** **Black Talon Stabilizer (only)** **\$491.72**



## RUVIS Kits

### Scan-n-Find™ Pocket Imager Kit

An affordable alternative to the KRIMESITE™ Imager, the Scan-n-Find Imager simplifies the search for potential latent print evidence that could be easily overlooked.

- With a variable focus wide-angle 25mm UV lens, investigators can scan a large area in a short amount of time. The wide-field, focusable eyepiece assures the elimination of eyestrain.
- Its light-weight body is constructed from a single piece of extruded aluminum which features a User-Facing Control Panel.
- Laser pointer included



**Please note:** to photograph close-up fine ridge details, you will need the KRIMESITE™ Imager.



No. KSS8900

Scan-n-Find™ Pocket Imager Kit

\$9,263.25

### Cyclops Imaging System

Specifically designed with crime scene search in mind, the Cyclops RUVIS system unit can be hand-held or configured in a head mount assembly for hands-free use or used in a detachable pistol grip. You'll have comfortable viewing with soft rubber eyecups. The system is fashioned from durable injection-molded material and equipped with a 25mm f/2.8 objective lens and two 15mm easily-focused eyepiece assemblies.



Head Mount



Pistol Grip



Hand-Held



No. KSS7900

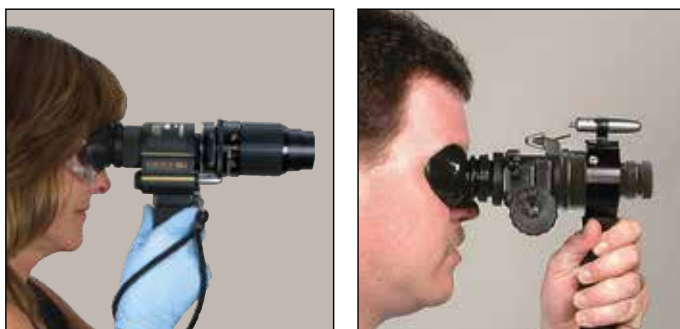
Cyclops Imaging System

\$10,298.25

## Master RUVIS Kits

### KRIMESITE™ Imager Master RUVIS Kit with Cyclops

Designed for agencies that need to work in the field and in the lab, this kit includes both a KRIMESITE™ Imager and a Cyclops unit. It allows investigators to work efficiently alone or as a team to use the Cyclops for scanning the full scene to identify areas of interest and the KRIMESITE™ to capture images of the print with a mounted digital camera (not included). The perfect combination for crime scene technicians, latent print examiners, and for crime laboratories!



Obtain the greatest efficiency at crime scene processing using the KRIMESITE™ and Cyclops Imagers. (Both are contained in the Master RUVIS Kit.)



No. KSS60MRK    Master RUVIS Kit with Cyclops    \$22,200.75

### KRIMESITE™ Master RUVIS Kit with Scan-n-Find

This kit is an alternative to the Master RUVIS kit where the Scan-n-Find takes the place of the Cyclops unit. Some investigators prefer the single eye form and function of the Scan-n-Find™. The kit offers the same efficiency as the other Master RUVIS kit in a different package. This kit features:

- The KRIMESITE™ Imager can be used in the laboratory and for photographing untreated latent fingerprints
- The Scan-n-Find™ is ideal for the crime scene and helps find latent print evidence that is easily overlooked.



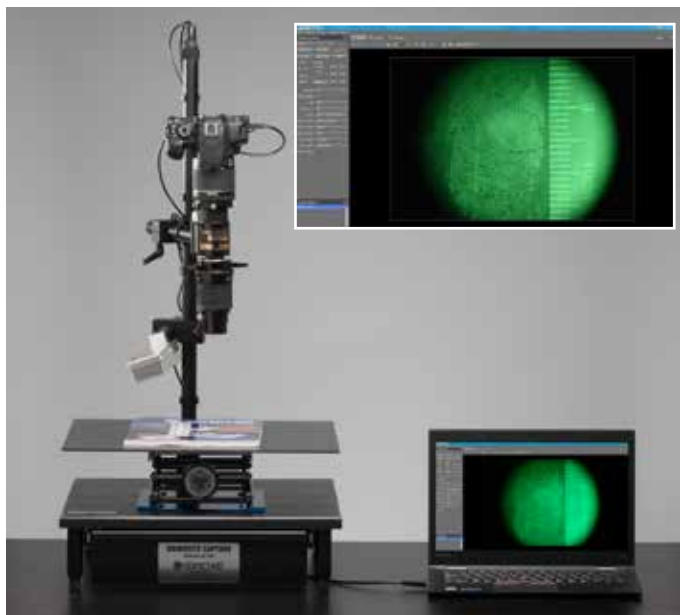
No. KSS60SNF    Master RUVIS Kit with Scan-n-Find    \$22,718.25

# RUVIS Systems & Accessories

## Master KRIMESITE™ Capture System

Harness the power of RUVIS in the field and in the lab to make your investigations more efficient and find more evidence. Our new Master Krimesite Capture System gives you the flexibility to search for and capture latent fingerprints and footwear at the scene and conduct easy, accurate search and image capture in the lab. Now is the time to add this system to your tool kit.

Already have a RUVIS imager? Our Krimesite Capture Upgrade Kit is the perfect option for you.



### Features include:

- The specialized stand holds the Krimesite Imager and a camera while you use the included software and laptop to capture photographs.
- User-friendly software allows you to begin looking for latent prints minutes after set-up.
- An adjustable platform gives you the flexibility to photograph evidence on objects of any shape or a range of sizes. Additionally, the imager and camera are fixed on a rotating arm of the stand so you can take photos of large objects.
- A Shortwave UV light mounted on a flexible arm lets you operate hands-free so you can focus on the image capture.
- Images can be captured in RAW and JPG formats (RAW is recommended for evidence photography).

### KSC1000N Master Krimesite Capture Kit

(Nikon) Includes stand and all auxiliaries, KSS1000 RUVIS, Nikon D5500 with 40mm Macro, and IBM Thinkpad with software installed. (220V version available)

### KSC1000UN Krimesite Capture Upgrade

Includes stand and all auxiliaries, Nikon D5500 with 40mm Macro, and IBM Thinkpad with software loaded. This is for existing Krimesite customers. (220V version available)

## KRIMESITE™ Accessories

Complete your KRIMESITE™ suite with these accessories.

### SirchPod Copy Stand

CSI and Lab professionals need to have a steady tripod support for close-up photography to get good photos. The SirchPod has three telescoping legs for ultimate stability. It's easily portable and has fast setup.



No. KSS9200

SirchPod Copy Stand

\$273.13

### SirchPod Adjustable Light Support System

When attached to the SirchPod, this light support system (available with or without 254nm shortwave UV lights) gives your Krimesite Imager a complete hands-free support and lighting system.



No. KSS9200UL pictured, Sirchpod and Krimesite Imager sold separately

No. KSS9200UL

SirchPod System w/Mini UV Lights

\$265.22

No. KSS9200U

SirchPod System (only)

\$159.13

### Professional Duty Tripod

Free your hands to continue your crime scene search with our Imager. This tripod is an excellent companion to our KRIMESITE™ Kits, and mounts with our UVP600ST and UVP120ST.



No. BM6009

Professional Tripod

\$79.43



## RUVIS Accessories

### Tripod Pistol-Grip Pan Head

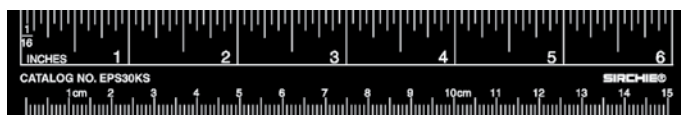
Easily make light position adjustments with this pan head. It features a ball and socket joint that locks or unlocks.



**No. KSSPG** **Tripod Pistol-Grip Pan Head** **\$154.73**

### Photo Evidence Scales

These scales are printed black with white markings for placement near RUVIS latent fingerprint images for scaled photography. Scales have English and metric measure.



**No. EPS30KS** **Photo Evidence Scales, 10 each** **\$7.57**

### Arrow Designators

Use arrow designators in conjunction with the KRIMESITE™ Imager's mounted laser pointer for temporarily indicating latent fingerprint locations or selected target areas.



**No. KSS684** **Arrow Designators, 100 each** **\$10.33**

## UV Protection Products

RUVIS technology uses Shortwave UV light sources and emits harmful radiation. Use of these devices requires proper eye and skin protection. It's important for investigators to use one of the products below or something similar.

### UV Protective Spectacles

Top and side shield design provides full protection and the polycarbonate construction is impact-resistant.



**No. 797GV** **UV Protective Spectacles** **\$17.48**

### UV Protective Goggles

Has a lightweight design with a flexible rubber trim that will fit comfortably over the face, even with prescription glasses.



**No. 798GV** **UV Protective Goggles** **\$23.45**

### UV Protective Face Shield

Protect the entire face while eliminating "blue haze" interference from long wavelengths.



**No. 799UV** **UV Protective Face Shield** **\$69.88**

### UV Protective Face Shield with Shroud

Offers complete head and neck UV protection and designed specifically for high-intensity shortwave UV sources.



**No. 798GVH** **UV Protective Face Shield w/Shroud** **\$107.62**

## Alternate Light Sources

### Puissant 30-Watt Shortwave UV Light Source

This lamp provides high intensity shortwave (254nm) illumination when searching large areas for latent prints with two 15-watt germicidal lamps providing a full 30 watts of shortwave light. A sturdy base provides support when you need to work hands-free. The Puissant lamp may be transported or stored in its carrying case and features dual voltage capability for either 110V or 220V AC operation.



No. SKSUV40	Puissant 30-watt UV Light	\$816.41
No. SKSUV30B	Replacement 15-watt Bulb	\$25.75

### 6/12-Watt Dual Bulb Shortwave UV Forensic Light Source

This system provides twice the light output for forensic usage and the electronic ballast provides constant high-output. A handle is mounted on the left side of the unit, freeing up your other hand and it can be mounted on a tripod for steady, hands-free use. Each lamp is individually controlled for single or dual bulb use. Built to withstand rugged use, the housing is constructed from vinyl-covered aluminum with acrylic end caps and the steel cover ensures bulb protection at all times. Available for 110V/220V operation.



No. UVP120ST	6/12 watt Shortwave UV Light w/tripod mount	\$409.95
No. SW969B	Replacement 6-watt Bulb	\$18.66

### 6-Watt Shortwave UV Forensic Light

These units are light and compact and built for rugged use, so you can take them anywhere. The light source is a 254nm wavelength with a highly efficient electronic ballast for constant output. Powered by batteries or 110V/220V.



No. UVP600ST	6-watt Shortwave (254nm) Forensic Light	\$305.90
No. SW969B	Replacement 6-watt Shortwave UV Bulb	\$18.66

### RUVIS Companion Laboratory Illuminator

Portable and easily used with a 180 degree swinging head to accommodate many situations, this is an easy-to use shortwave light (254nm) for investigators.



No. SKSUV13	RUVIS Companion Laboratory Illuminator	\$174.78
No. SKSUV13B	Replacement 13-watt Shortwave UV lamp	\$76.43

### Shortwave UV Mini Light Source

Specifically designed to use with the KRIMESITE Imager, investigators can use this light source as a fully portable, battery-operated light source for field and lab use. This is perfect for tight spaces or for close up examination.



No. CUV100TS	Shortwave UV Mini Light Source	\$54.59
No. 6247	4-watt Replacement bulb	\$16.33



## Alternate Light Sources

### megaMAXX ALS System

This system has everything an investigator needs at the scene or in the lab for finding evidence with ALS. The kit holds seven self-contained light sources. Other components are:

- Light Diffuser. A softer light is required for oblique viewing and photography. This diffuser will soften the LED lights
- ForensiTorch UV Light. This light should always be used in preliminary examining and locating evidence
- megaMAXX Tripod. You need both hands free during an investigation to take photos or process an area. This tripod has a flexible extension and can be precisely positioned.



**No. MMX300**      **megaMAXX ALS System**      **\$1,439.17**

### Tactical Max Forensic Light Kit

The Tactical Max provides all the light needed to conduct an on-scene forensic investigation: white, 365nm UV, and 455nm blue. Each handheld forensic light is made of tough, anodized aluminum and contains an extremely bright 1-Watt LED. This kit was built for field use, contained in a heavy duty nylon case and includes a flexible tripod that can be used as a third hand. Lightweight and portable, yet rugged and durable—there's no reason to not take the Tactical Max Forensic Light Kit everywhere. The Tactical Max Flexible Mini Tripod can be purchased separately and is compatible with our popular MMX300 series forensic lights!



**No. TMX200**      **Tactical Max Forensic Light Kit**      **\$388.07**

**No. TMXFT1**      **Flexible Tripod (only)**      **\$54.59**

### Forensic Alternate Light Source

Physical evidence is the backbone of criminal investigations. If the perpetrator has left some form of evidence behind, this tool can help you find it, tie a potential perpetrator to the scene, and help prosecutors file formal charges.



**Features include:**

- Fully portable for unlimited movement around a crime scene. It can be hand-held or mounted on a tripod and operates by battery.
- Filters included with the light source have a selection of six different wavelengths, covering 365nm to 530nm.
- A high-intensity xenon lamp which is ideal to search for hair, fibers, footwear evidence, and more.



**No. FAL3000**      **Forensic Alternate Light Source**      **\$4,258.87**

**No. FAL203**      **Replacement High-Intensity Xenon Lamp**      **\$224.01**

**No. FAL306**      **AC Adapter Kit 120V/60Hz**      **\$273.18**

**No. FAL306220**      **AC Adapter Kit 220V/50Hz**      **\$273.18**

**No. FAL309**      **Rechargeable 12V DC BAh Battery Pack**      **\$228.92**

**No. FAL309B**      **Replacement 12V DC BAh Battery Set**      **\$131.07**

### UV ForensiTorch

If investigators conduct a search in subdued light or broad daylight, the ForensiTorch is ideal for the preliminary examination and location of forensic evidence. It's a single, very high intensity 365nm longwave UV LED and has 50,000 hours of life.



**No. UVFT100A**      **UV ForensiTorch**      **\$92.12**

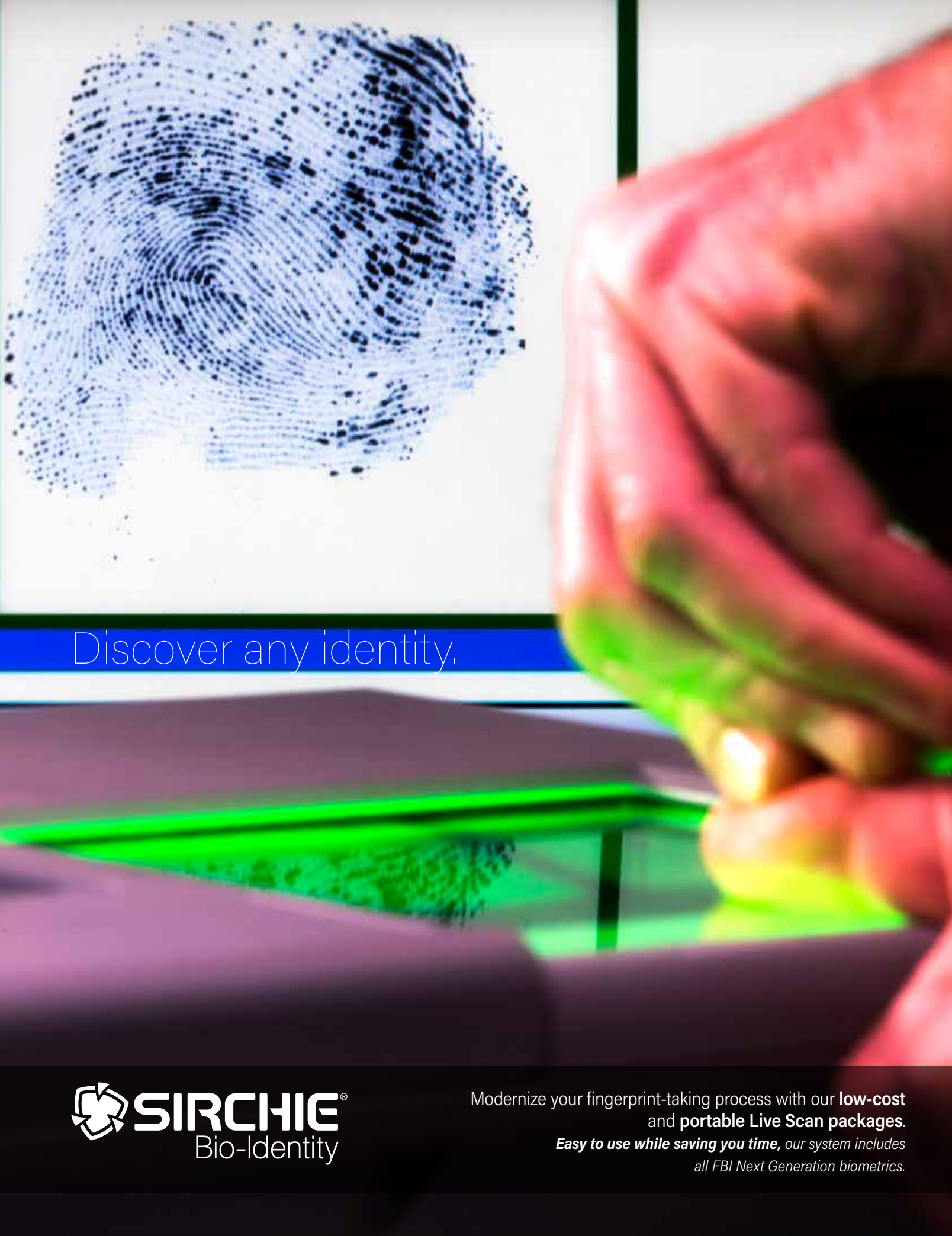
Develop every skill.



**SIRCHIE**<sup>®</sup>  
Education & Training

We deliver **hands-on experiences** with innovative and practical exercises to **further your career**. Continue learning through our online webinars and Lunch-n-Learns. Access to this knowledge doesn't end: **contact our experienced instructors** anytime when you need help in the field.





Discover any identity.



Modernize your fingerprint-taking process with our **low-cost**  
and **portable Live Scan packages**.

*Easy to use while saving you time, our system includes  
all FBI Next Generation biometrics.*





 **SIRCHIE®**  
Command Every Scene™

Phone: 800.356.7311 • 919.554.2244

Email: [sales@sirchie.com](mailto:sales@sirchie.com)

[www.sirchie.com](http://www.sirchie.com)