

TENNESSEE BUREAU OF INVESTIGATION
Forensic Services Division



Forensic Imaging Standard Operating Procedures
Terms and Definitions

6. Terms and Definitions

1:1: The size of the original or natural size.

Adobe Photoshop: A computer program used in the enhancement of images of latent prints.

ALS: Alternate Light Source. A device that is capable of emitting different light waves.

Alter: To change or cause to change in character or composition.

Ambient Light: The indirect light that fills a room. Ambient light is not caused by illumination supplied by the photographer.

Archive: To move the files from the original location on the computer and store them in a different location.

Calibration: The definition of this term in the Latent Unit Forensic Imaging Section may differ from other sections of the TBI Crime Laboratory. Calibration adjusts the monitor display, brings color consistency across multiple displays, and allows the neutral colors to be accurately displayed.

CD: Compact Disc

CF: Compact Flash is a removable storage device commonly used in digital cameras.

Contact Sheet: The process of putting many images from one file or case on one sheet of paper.

Contrast: Adjusting the relative brightness or darkness of an image.

Direction Reversal: An enhancement process that flips an image so that the mirror image is visible.

DNG: Digital Negative is an open lossless raw image format written by Adobe used for digital photography.

DVD: Digital Video Disc.

Enhancement: The process of improving the quality and clarity of an image.

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Hard Drive: A storage device for digital files.

KSI: Krimesite imager, a product of Sirchie Industries, employs the RUVIS technology.

Latent Lifts: The use of clear tape and a card to collect latent prints from an object that has been dusted with print powder.

LIMS: Laboratory Information Management System.

Levels: Adjusting the light and the dark areas of an image to render the whites brighter and the blacks darker.

Lossless: Without loss of information.

Metadata: Is the information that is embedded in the file.

Outside Agency: Any agency other than the Tennessee Bureau of Investigation.

PPI: Pixels per inch, a measure of the resolution of display screens, scanners, and printers.

RAW: A file format that has not yet been processed and therefore must be processed in a computer program.

RUVIS: Reflective Ultra Violet Imaging System.

Scale: A ruler.

Storage Media: A device that data is stored on such as CD, DVD, compact flash, SD Card or hard drive

SD: Secure Digital card is a removable storage device commonly used in digital cameras.

SWGIT: Scientific Working Group Imaging Technology is a group that provides guidelines and Best Practice documents for the appropriate use of various imaging technologies.

TIFF: Tagged Image File Format is a computer file format that does not compress an image.

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Uncompressed Data: Data that is stored fully for the maximum file size.