

Bumps in the Night!!!!

Tools of the Trade

Full Spectrum Camera

A tool that has seen an increase in popularity in the paranormal field is a Full Spectrum Camera. This is a camera that can film in the entire light spectrum, from the Ultraviolet (UV) to Infrared (IR). Normally these cameras are in the form of a camcorder, but some could be digital photo cameras.

Before we dive more into the cameras themselves, let's first take a look at a background on the three light spectrums that are important to a paranormal investigator: UV, IR, and Visible Light (White light). We learned a little bit about them from the "Light Spectrum" article on page 2, but we should build on that knowledge to gain a better understanding of how and why it is important for paranormal investigations.

UV means "beyond violet" and is **NOT** visible with the naked human eye. It is found in sun light and is what causes health issues like sunburn and cancer. Another name for UV is Black Light. This technology is used to find DNA and/or check for counterfeit money.

IR means "below red" and is **NOT** visible with the naked human eye. Other names for IR is Night Vision or Green Screen. This technology is used by the military and police to see in the dark.

The light that humans can see with the naked eye is called "white light". As you saw in the image from the "Light Spectrum" article on page 2, visible light is only a tiny fraction of the entire light spectrum.

As discussed in the "Light Spectrum" article on page 2 there is a theory in the paranormal field that paranormal activity happens more



frequently in IR and UV spectrums of light. Therefore to try and document paranormal activity the use of Full Spectrum Cameras is an important tool.

These Full Spectrum cameras block out the white light and only film in the UV and IR spectrums. The images from a Full Spectrum camera appear in "Purple Screen", as is the example to the left.

The Full Spectrum camera, called ParaSpectrum, owned and used by the team was created by ModiTronics. To learn more about their cameras and other paranormal related products go to:

<http://www.moditronic.com/FSHDDV/FScamcorder.htm>.

