

## UV Camera Tips

The UV number shown on the screen is based on the selected area; see the picture below. If a larger area is chosen, the photon number will also change. If you reset camera to default – it should change the area to standard size.



A simple test reference to check the camera is to use a lighter. If the camera detects the photons, the camera is in good working order.

Our engineers suggest this as a general procedure:

- Bring the camera to factory default settings (option "Factory settings" in menu "System")
- Initially set gain to 50%.
- Check if the "integral duration" (averaging) is set to sec. (is off), regardless of setting the camera to factory default. (option "integral duration" in menu "image settings").
- You can check the camera with a known UV source, e.g. a lighter. From a distance of min. 16ft, the UV radiation should be visible.
- Increase the gain as needed to investigate UV emissions. (Regarding HV sub-stations, our say they have observed discharge often at with gain set to 80% – see picture.



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