



940nm

850nm

NEW RELEASE DEC 2014

Micro IR unit

After many years of using various Infrared modules from China, Russia and other sources, we decided to build our own in house to be able to make the tiny sizes we wanted, to 3D print our various case types and be able to control the quality and ranges we needed.

We are very pleased to release to micro unit which is our smallest in range. Measuring a tiny 2.3" x 2" x 1" you can see by the above images the punch it can create for the Tripwire V 3 to see.

Infrared light being invisible to the human eye is a great ability to light up a site or location either by direct sensor triggering or our rf long distance triggering.

The direct sensor trigger uses the same small IR sensor as the Tripwires to trigger the light source typically before the subject comes into full view on site. The RF triggering system allows a light source to be activated by a rf sensor up to 120' from the subject well before they enter the location.

This allows the Tripwire V 3 in either image mode, video clip mode or Video call, to see while the unit is lighting up the area.

Note: The 850 nm units emit a slight red glow from the light source and should be used in a manner that hides their presence. E.g rooftops pointing downward, behind glass or other means to avoid its detection.

The control unit has a variety of functions which include the following.

- Buriable unit for covert use.
- Tailored units for overt or special needs.
- Operating times set for use
- Pre determine time on once triggered.
- Light sensor can prevent unit from false triggering during daylight hours.
- Direct sensor trigger cable length – 10 metres standard.
- Range of rf sensor trigger. 70' to offender + 60' -100' back to controller unit to turn unit on.
- Rf trigger sensor will send signal through glass , around short corners and in some cases light wall type materials.
- Tailored designs for retail or other operations is possible through in house 3D modelling and printing.
- Magnetic mount units are available for temporary short term use due to small 12 volt battery type.
- Traditional units operate using 1 x 9ahr 12 volt battery.
- Units can be made permanent using our 12 volt solar panel unit.

Please review the video clip on our main page to fully appreciate operational features.