

## Tripwire Features & Functions

### Main unit

Sensor Infrared, quad sensor, any orientation. Range 0-100' line of sight 10 deg FOV for detection.  
9 Volt battery - Field life 3 weeks  
Cable between sensor and camera/transmit module for flexible set ups. 20'

### Main unit

Qwerty keyboard set up. LCD touch screen.  
GSM quad band network international  
Any range of operational on off times for schools, shopping malls or 24/7 operation.  
Select 1-5 images to be taken and transmitted per detection.  
Unlimited receiving email addresses to send to. (E.g 2 Blackberry devices & 4 base email + in car)  
Average time to receiving first alerts and images (Medium resolution), 30-40 seconds.  
Field life - 3 weeks in deep sleep mode. 1 week in awake mode and no back up battery pack.  
Optional 12 volt battery power pack.  
Image size and quality adjustable to reduce transmit time.  
Store images to device memory card without transmitting if preferred.  
Transmission range - unlimited using cellular network.  
Altered camera to enable use with invisible 940Nm infrared lamp use. If required or without.

### Infrared

### Micro sensors

Detection range 20-30'. These units detect motion and send signal to lamp unit to activate.  
Transmit "on" command to a range of 80'-100' dependant on terrain.  
Battery life - 1 year approx.

### Lamp Unit

Receives signal from one or more micro proximity sensors to turn on to illuminate darkened areas.  
Lamp box can be buried or hidden in rough terrain. Weatherproof.  
940Nm freq light. Invisible to naked eye. Range - 100'. 30 deg spot light at hot spot wall or location.  
12 volt battery - rechargeable. Approx 300 activations.  
Alter remain on time from 30 seconds to 5 minutes.  
Light sensor stops activations during daylight hours.

### Casings

Weatherproof with gasket  
Multi point tamper proof fixing method  
Multiple front to back mount holes for screwing to mounting surface if required.  
Enlarged front to back hole in camera unit case for long shank padlock and chain secure if required.

### Training

Assistance in set up, deployment and configuration for users if required.  
On site training for orders over 10 units. TBD.

### Operational notes

Tripwire sets can work as a small portable rapid apprehension device using ambient light from street or other light source. Units will work independent of mains power or other rigid requirements allowing complete portability and rapid deployment or removal.  
Use of Micro triggers and infrared lamp unit bolster the Tripwire sets ability for use in darkened areas by triggering on movement and lighting a target location prior to offenders entering the area. This invisible light source allows Tripwire to "see" all subjects, photograph and transmit live shots without the suspects being aware.

Any configuration can be applied be it multiple recipients, multiple tripwires on one site.  
You can use 6 micro triggers for 6 lamp units or even just one to trigger all 6 lamp units. The system is completely compatible with each and can be mixed about to suit each job specifically.



Site utilising infrared Lamp module.



Site using ambient light without infrared module