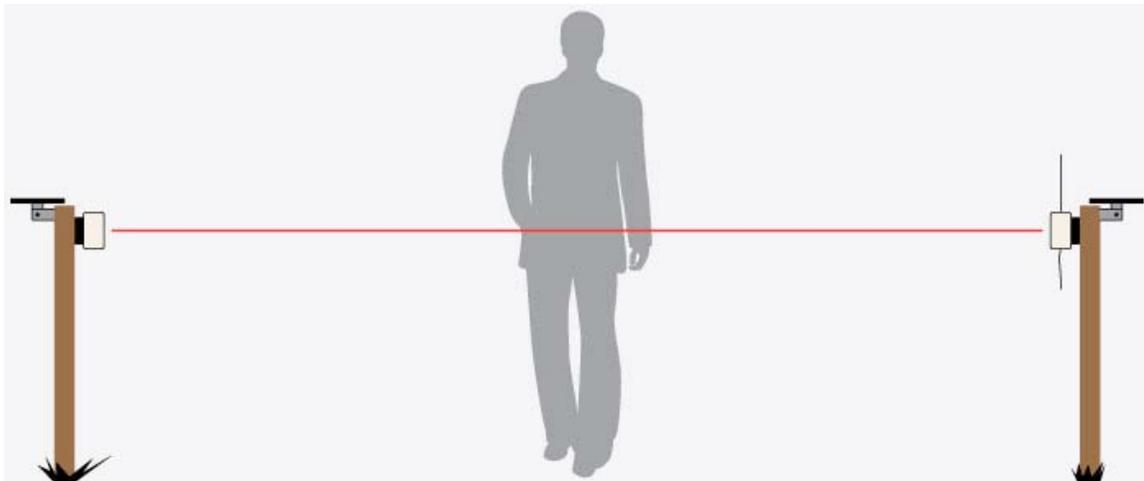




# Hidden Camera Surveillance

Tel 1300 763235



## Wireless Solar Security Gate & Driveway Alert compatible with PTZ Cameras

The Wireless Gate Alert kit is a simple DIY solar powered point to point photo-electric invisible beam which can be up to 40m apart. When the beam is broken by a person or vehicle, the mini built in transmitter sends a wireless signal up to 800m or more (optional long range antennas) to a dual channel receiver as pictured above. **Warranty – 3 Years!**

The receiver is supplied with relay outputs which can be easily interfaced with our multi channel D1 Digital Video Recorder. When the beam is tripped, the receiver triggers the PTZ camera to zoom into the zone. The activity is recorded to the DVR as an event whilst an alarm relay is sent to your control room monitors. All DVR triggered events are time and date stamped for easy remote access, remote playback and archiving. The same gate Alert is now available as an option with our Solar Camera range as well. Please read more below.

# Wireless Solar Gate & Driveway Alert

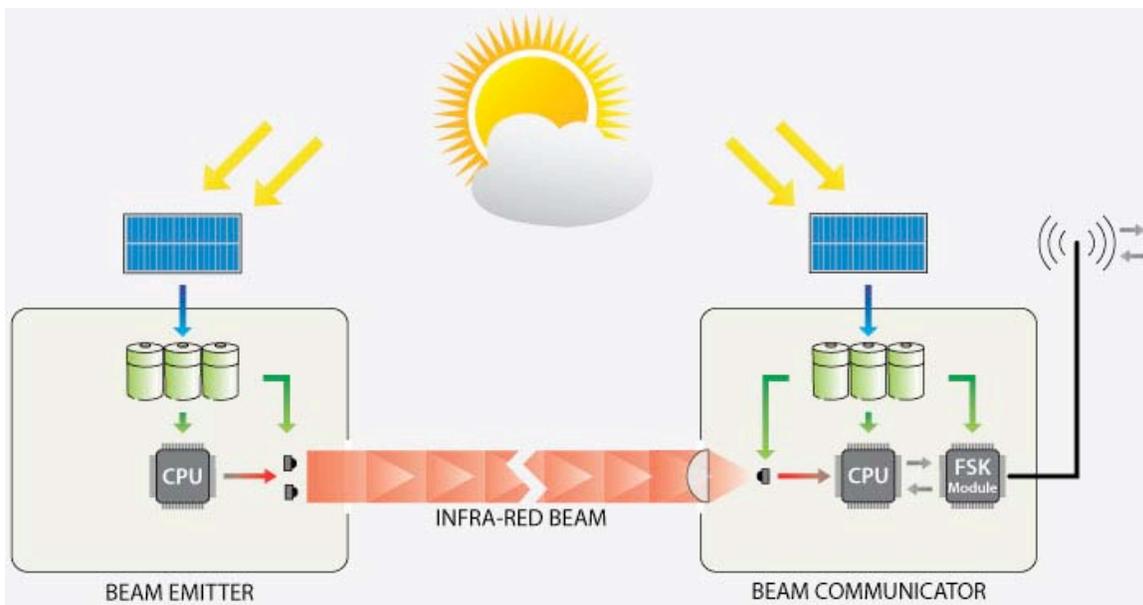
This unique device is an amazing concept when we take into consideration the huge range of applications for homes, sheds, business premises, security gates & fences, large properties, machinery in remote areas, dams, WQH and more. This is a very powerful Perimeter Alert system that is **not prone to false alerts**.

So what sets it apart from anything else even remotely similar? In many instances it's impractical or impossible to run cables and/or power to the area of concern. **Our system is completely Solar Powered so no need for cabling of any sort.**

Once a person or vehicle crosses or breaks the driveway or gate beam which can be up to 800 meters away (up to 2.4ks with long-range antenna) the mini wireless transmitter built into the beam set sends a wireless signal to the base receiver. The receiver could be close to our Digital Video Recorder.

The receiver sounds an audible semi loud tone thus announcing that a person or vehicle is approaching or leaving the site. The beam sets should be mounted on a post or other vertical structure, near the front gate and the two beam sets can be up to 40m apart.

The receiver is a 12V device about the same size as a cigarette packet. Connect the mini antenna to the receiver, plug into a 240V power point and its armed ready to go. The receiver is a dual channel system meaning that an additional beam set can be installed in another area if desired. The base receiver is designed to emit a different tone for each of the two zones. Extra beam sets are available upon request. If more than 2 beams are needed on the one site, please note we also have available a 6 Channel Receiver all with relay inputs and outputs.



## What are some of the other features?

Our Wireless Solar powered Gate & Driveway Alert kit is available with a range of options including;

- GSM Modem
- Wireless Pocket Pager -Beeper
- Ability to switch on lighting or a siren using the receiver relay outputs
- Additional Beam sets available upon request
- Alerts to your mobile phone if the GSM modem is added
- Outdoor Siren or strobe lighting
- Long range antennas up to 2.5ks or more can be achieved
- Wireless Solar Repeater for even longer distance
- 3 Year Warranty
- Receive alerts on your mobile phone (arm and disarm remotely)
- IP66 rated (weatherproof)
- Can be interfaced with your alarm Panel
- **Can trigger our PTZ cameras to perform a range of functions if one or more beams are triggered**
- Pocsag Paging kit up to 1k



# Pocket Beeper-Pager

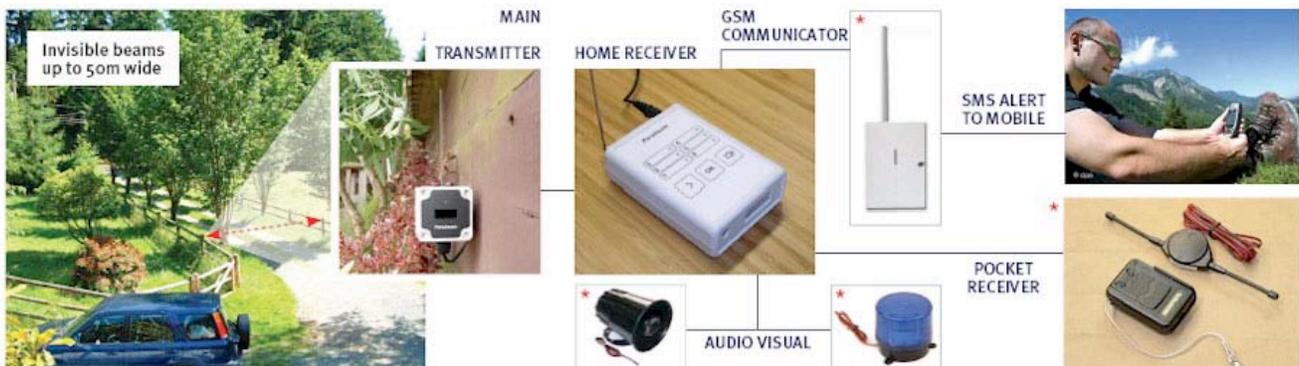


## Product Functions

The optional **Pocket Pager** as featured above is very handy for a number of reasons. **Pocket Pager-Beeper** is a belt worn battery-operated device (smaller than a matchbox) that acts in the same manner as a base receiver. The T-shaped antenna also pictured is connected to the terminal output of our base receiver. If a person or vehicle passes through the Gate Alert Beam, a wireless signal is sent to the base receiver, which then uses the smaller antenna to transmit a signal to the pocket pager. **Range approx. 200m**

The **Pocket Pager-Beeper** is designed to alert you to driveway or gate movement whilst on the move and away from the main receiver.

- Receive on site alerts to small Pocket Beeper-Pager
- Compatible with both 600-S and 700-F systems
- Receives alerts directly from any 600-S Beam-set without the need for a Base Receiver
- Interfaces with 700-F Base Receiver
- Up to 200m range



## Wireless Monitoring of your Sites

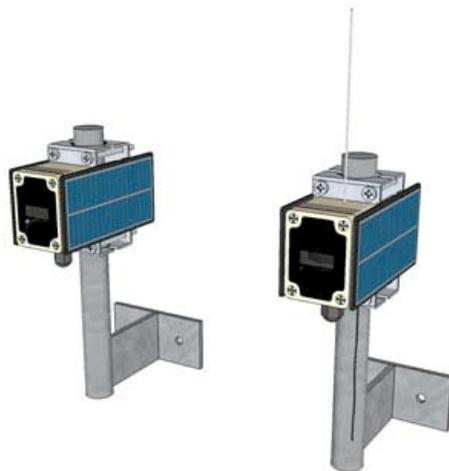


### **Are you having tools and equipment stolen from your work site? Is your building site being vandalized at night?**

Wireless Gate & Driveway Alert is able to monitor the perimeter of your construction site and alert you remotely, via your mobile phone, if anyone crosses any installed beam.

Our Commercial system provides multi-beam monitoring. This enables you to monitor the whole perimeter of a construction or building site or any other site for that matter. The Commercial System supports up to four Beam-sets simultaneously thus ensuring your equipment is safe and the site vandal free.

Ideal when used in conjunction with Solar Powered Graffiti Security Camera and/or PTZ cameras.



## Outdoor Bell and Light Interface



- Enables alerts or incoming phone calls to be seen and heard outdoors
- Bell sound is pleasant and professional sounding
- Interfaces with any of our Base Receivers or standard telephone

## PocSag long distance Pager



### Product Features

- Receive alerts on a POCSAG Pager
- Compatible with both 600S and 700F systems (interfacing with Base Receiver)
- 1km range
- Individual Zone identification – displays up to four zones (ideal if you have multiple Beam-sets installed)
- Battery voltage monitor gives constant feedback on the health of the pager batteries

## Long-Range MegaBeam Antenna up to 2.5k



## Optional Accessories



This is the **Wireless Gate & Driveway Alert kit**. Additional beam sets are available upon request. The mini solar panels in this instances just 12 x 6cm.



Wireless **GSM Pocket Pager**



Outdoor 12V **Strobe Light**. An optional Siren is also available



The two images depicted here are real. They are;

- **MegaBeam** Long range 2.5k antenna
- Wireless signal **Repeater** with a more powerful solar panel. The repeater can extend range to 5ks or more.

## PTZ Cameras –Interfaced with Gate Alert

Without doubt the greatest security advantage that we can offer you over and above any other CCTV camera, Solar Camera or PTZ camera in the market anywhere worldwide, is the ability to wirelessly interface motion in a defined area with a pre programmed Pan Tilt & Zoom camera.

Whilst PTZ cameras are not new by any means, cameras of this nature are designed to **tour** any number of preset positions or points. These cameras can have hundreds of preset points and the tour will encompass moving from one reset point to the next with a dwell time in between.

PTZ cameras on the other hand cannot be trained to seek motion, particularly outdoors where motion is everywhere. In other words, if a person were to scale a fence or drive through a gate, a PTZ camera would have no means of knowing that movement was imminent, unless the Control room operator was actually manually controlling the camera at the time, or by luck the camera just happened to be aimed into that zone. Consequently the site intrusion would be missed completely, not recorded to the DVR and therefore a NON EVENT. In the mean time anyone could be moving about within the site without the camera seeing or recording anything.

If on the other hand our **Wireless Gate & Driveway Alert** were mounted at the actual gate entry point, it would have picked up the motion and automatically sent a wireless signal directly to the PTZ camera. This is typically classed as an "alarm activation". If the PTZ camera receives an alarm from relay 1 (Gate No 1) the camera will have been pre programmed to leave the tour, then zoom and focus on the main gate for any length of time we pre set. The DVR will be recording the event again for any duration we set. If a second beam set was installed in another on site location, this would be a secondary alarm activation, in which case the camera would monitor both beam locations unless of course a second PTZ camera was interfaced with beam set two. The point is that various surveillance options and programs are available to suit user needs.

Remotely the Control Room operator/s will see a specific camera and site DVR alarm popup, which could be a **visual or audio alert**. The Control Room operator will have a live view of movement with immediate remote access to the video recording which could be auto archived as an event. The DVR system will be recording all events and with sufficient HDD capacity, the recordings can be retained on site for many months.

As it stands at the moment, your current PTZ cameras and DVR systems will be recording virtually constantly but there are no motion-activated events to report. As mentioned, unless the Control Room operator happens to be looking at or remotely controlling the camera, there are no alarm events to report.

Our system will have all of the above functions and more. The PTZ camera can be touring and the moment one or more "lazer like" invisible beam is broken, the camera will leave the tour and focus onto the event. With one or more beam set points, one or more PTZ cameras can be programmed to perform any function we desire. The beam sets can also be used as perimeter or fence line alerts up to 40m in length.

### False Alerts?

Unlike other device looking for heat changes to detect motion, Wireless Gate & Driveway Alert is quite different. Gate Alert is a "point to point" wireless photoelectric beam. A bird can fly through the beam without triggering. An animal can move beneath the beam sets without triggering movement. A person or vehicle cannot avoid breaking the invisible beam.

Gate & Driveway Alert is looking for "mass" and two pulse beams need to be broken simultaneously to be classed as movement. For that reason this device is **not affected by rain, wind or weather** with the result being very few if any false alarms. In addition, as the Gate Alert is 100% solar powered, there is no need to change batteries, all of which good thing for any Control Room operators and other personnel.

## Night Vision

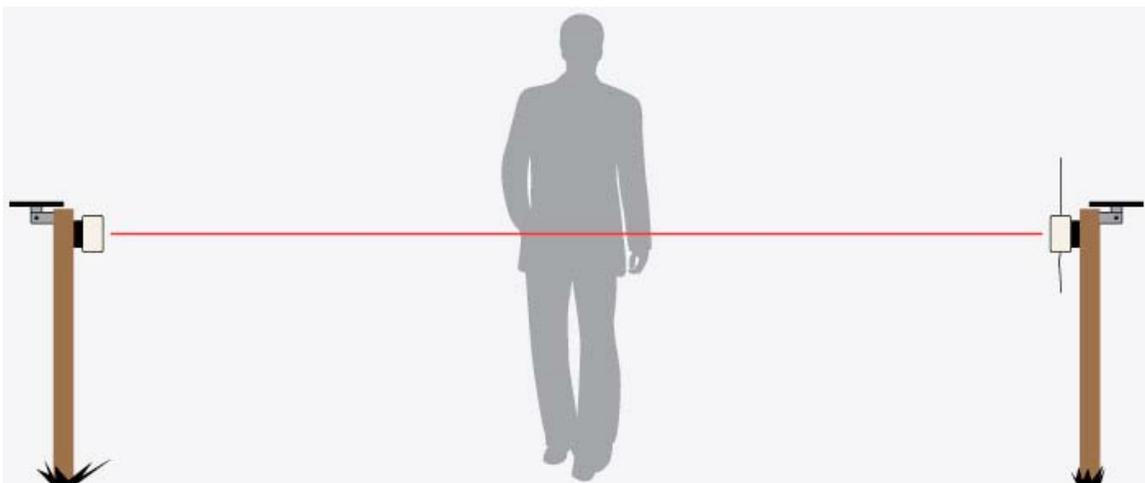
Another issue concerning many CCTV cameras is night vision. Just like our Solar Cameras, it would be quite easy to have a powerful LED light mounted near the PTZ camera. Our cameras have a day night function built in (auto switch to B/W mode at night) but any extra light devices to assist the camera is always welcome and again much easier for the Control Room Operator to see live video.

When any beam is broken, not only will the camera zoom into the area, an LED Light could be easily programmed to illuminate for any length of time thus greatly assisting the camera to see and record.

## Vandal Proof & Weatherproof PTZ with bracket



## Solar powered Gate & Driveway Alert with PTZ Camera Trigger



## DVR System – Features & Functions

Our stand alone DVR systems are World class available in 4, 8, 16 and 32 camera channels per system. Slim line with multi HDD support and D1 quality, these systems are designed for fast remote access, low bandwidth networking and utilize the latest H.264 hardware compression with dual streaming technology.

With motion detection, constant and alarm-activated recording, our DVR systems are ideally suited to the Pelco protocol High-resolution day/night PTZ cameras and the Wireless gate Alert system. The inbuilt DVR alarm relay in and relay output functions are interfaced with the PTZ camera plus the Gate Alert receiver resulting in a **cost effective robust all in one security surveillance solution**.

The DVR (Digital Video Recorder) functions and features can all be remotely accessed, although the Administrator is able provide certain users with password protected access. That access can have user limitations or privileges such as PTZ control camera but no access to pre set camera points etc. We can always address that at another time.

The high quality D1 H.264 recording combined with high-resolution cameras ensures this security system will meet the needs of any control room operator. The system will retain a time and date stamped log of all authorized user name and password access to the DVR system, which is a useful management reference tool.

One DVR system will accommodate a number of PTZ and/or fixed lens cameras and with the inclusion of an LED monitor at each DVR, on site staff will have a live view of the cameras as well. The wireless audio alert combined with the visual cameras will only serve in adding to on site security measures, particularly if there is any unauthorized attempted site entry.

The Stand Alone DVR pictured below is a Linux Operating System that is quite compatible with most other O/S including Windows although Linux is not subject to virus or Trojans. Each system is available with multiple HDD capacity although 1TB in most instances is more than sufficient. When the HDD is full it will over write from the earliest recording. These DVR systems are world class with 2-year warranty and packed with the most advanced network features available. Firmware updates when released are available free of charge.



# Need more information

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