



Hidden Camera Surveillance

Tel 1300 763235



Solar Cam 3G

The Solar-Cam 3G remote surveillance camera is a 'wire free' image monitoring solution for remote or unattended locations. The camera is 100% solar powered (can function for weeks even without power) making it completely independent of external power. The captured images are sent via an internal 3G modem to our Wireless to Web™ Dashboard, your nominated e-mail address and mobile phone. The camera can be equipped with a wireless motion detector which activates the camera from up to 80m away. The camera can also operate in 'time-lapse' mode for applications such as traffic or construction site monitoring. All images are stored on an internal SD card as a backup and on our server for months so nothing is ever lost.

Ideal for homes, Construction Sites, Roads & Highways, water tables and troughs, unattended equipment, fuel storage, sheds, cattle monitoring. In fact the list of applications is endless. No Power, No Internet, No Cabling...NO PROBLEM!! No professional installation needed, just mount and ready to go. Remote access one or all cameras directly from your Iphone, Ipad, Android, PC or MAC etc. Unique user name and password protection with unlimited authorized users.

Solar Cam Mk3 – Time Lapse Camera

Solar Cam Mk3 comes complete with a 20W Watt solar panel. This camera can be programmed to take time-lapse images as fast as 30 seconds apart to as slow as 1 per day. It can also be scheduled to turn on and off at pre-set times. It is possible to make a movie out of the images utilising software such as Movie Maker.

Lens sizes available: 3.3mm (wide angle) 3.7mm, 8mm, 16mm and 25mm (telephoto)

Ideal for: Traffic or Construction site monitoring



Solar Cam Mk4 – Time Lapse or Motion activated camera

Solar Cam Mk4 comes complete with a 20 Watt solar panel and wireless PIR transceiver which allows for pairing of up to 60 optional wireless PIR's. This camera can be programmed to take time-lapse images as fast as 30 seconds apart to as slow as 1 per day and motion activated images as fast as 2 per second. It can also be scheduled to turn on and off at pre-set times.

Ideal for: Monitoring of roads, gates and floodways' as well as surveillance of construction sites, unattended machinery etc

Lens sizes are ideal for the following distances: 3.3 & 3.7mm lens – 10 metres; 8mm lens – 20 metres; 16mm lens – 30metres; 25mm lens - <30 metres.

Optional: Wireless motion detectors work up to 80 metres away from the camera. Powered by a 7.5Ah Li-Ion rechargeable battery (WPIR-5).

Also optionally available instead of a battery powered PIR is our Solar Powered Perimeter beam set. The **Solar powered wireless gate & Driveway Alert** is 100% solar powered with an invisible lazer like beam up to 40m in length. If a person or vehicle breaks the beam, it sends a wireless signal to the Solar Cam to record. The beam height can be raised or lowered so a pet can move beneath the beam without triggering the camera. Multiple PIR's or beam sets can be used wit the one Solar Cam.



Solar Cam Mk6 – Time Lapse or Motion activated camera

Solar Cam Mk6 comes complete with a 20-Watt solar panel, Light Control System and wireless PIR transceiver. This camera can be programmed to take time-lapse images as fast as 30 seconds apart to as slow as 1 per day and motion-activated images as fast as ½ a second apart. It can also be scheduled to turn on and off at pre-set times.

The Solar Cam MK6 is the most advanced of the Solar Camera range as it is packed with a number of wireless receivers and relay triggers. For instance, apart from time-lapse recording, users many prefer to customize recording to enable time lapse by day and motion detection recording by night. Solar Cam is not an Infra Red camera as such. To enable recording at night and in total darkness, it's necessary to add one of our powerful 12V LED flood light illuminators.

Lens sizes for distances indicated. 3.3 & 3.7mm lens - 10 metres; 8mm lens - 20 metres; 16mm lens - 30 metres; 25mm lens - <30 metres.

Optional: White LED Spotlight

30w - 12 metre range; 50w - 20 metre range; 25w Compact - 25 metre range; 35w Compact - 35 metre range

Optional: IR LED Spotlights (For B/W 3.3mm and 8mm cameras only)

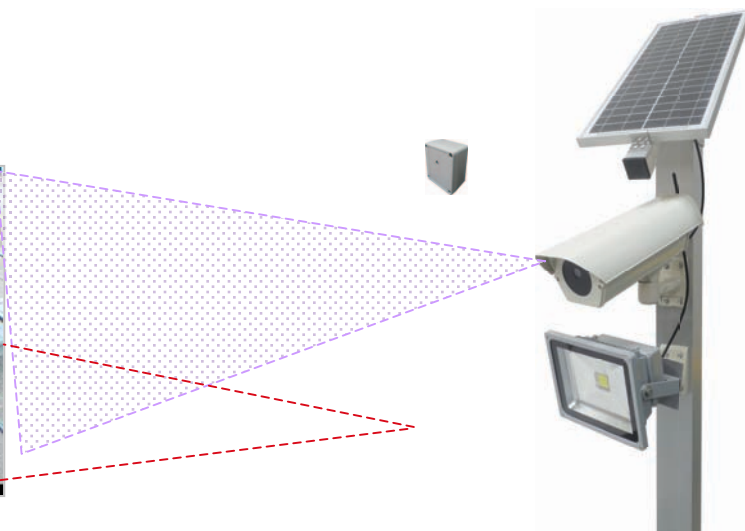
11w Compact - 14 metre range; 22w Compact - 28 metre range

Optional: Wireless motion detectors work up to 80 metres away from the camera. The PIR is powered by a 7.5Ah Li-Ion rechargeable battery (WPIR-5).

Also optionally available instead of a battery powered PIR is our Solar Powered Perimeter beam set. The **Solar powered wireless gate & Driveway Alert** is 100% solar powered with an invisible lazer like beam up to 40m in length. If a person or vehicle breaks the beam, it sends a wireless signal to the Solar Cam to record. The beam height can be raised or lowered so a pet can move beneath the beam without triggering the camera. Multiple PIR's or beam sets can be used wit the one Solar Cam.



The camera captures an image-sequence when triggered by the wireless motion detector



Optional white LED Floodlight illumination photo synchronized

Wireless to Web (W2W) Dashboard

The 'Wireless to Web' (WTW) proprietary network is a fast, secure and reliable means of sending images from wireless cameras to the end user's PC, mobile phone, monitoring station, and Dashboard. Please note we have two types of W2W dashboard service. The basic system is depicted below and will suit most needs however, for alarm control room applications; we now offer a new control room service for alarm monitoring.



Google Map showing camera positions as icons.

Battery Level

Signal Strength

Drop down viewer

Real time viewer showing most recent image

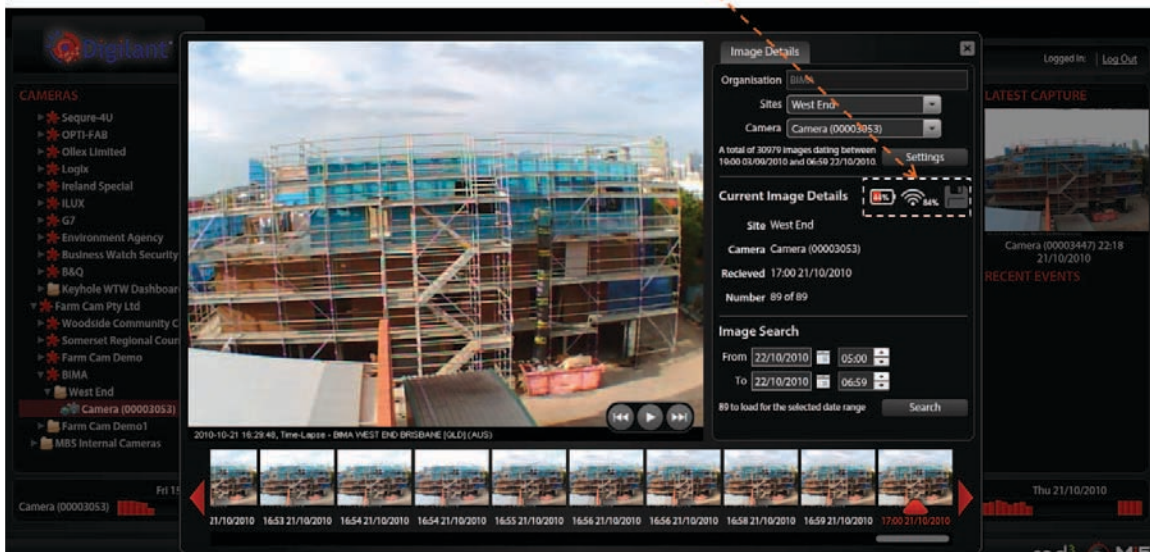


Image viewer displays historical images as a slide show

Night Vision - what can I expect?

Perhaps one of the most common questions asked. What happens at night? Solar Cam is available as colour or B/W versions. B/W can see and record much better at night compared to colour although the camera cannot do both. It must be ordered as one or the other.

If colour is not important and you are looking for something more covert at night, we can add an IR (infra Red) illuminator to the camera accessories. The camera battery powers an IR illuminator and depending on the quality, it will illuminate a broad area when motion is detected allowing the B/W camera to record at night. An IR illuminator is tantamount to a dull red glow so not that visible, whereas an LED floodlight is more or less like the flash of a still camera. Both only illuminate for as second or two thus drawing very little power but sufficiently lighting the required area to enable high quality recording.

Either way customers have the choice whether to select colour or B/W camera versions but it's equally important to know that a colour camera cannot see at night with an IR illuminator. It requires a decent to bright light source in the area to which camera is aimed. With a colour camera and depending on the camera lens size, we recommend our high quality LED 12V Floodlights specially designed for security purpose.

Depicted below are night vision images taken at various distances from the actual camera with a 4.3mm wide-angle lens and the same camera with an 8mm telephoto lens. These images depict the wider view and what can be expected visually with the different size lenses. The type of lens required must be made at the time of order. Please note we also carry 16mm and 25 mm lenses effectively bringing the person twice as close to the camera. At night these is marked difference in image quality and LED visual distance, particularly the 4.3mm and 8mm. The LED distance is greatly enhanced with an 8mm lens and the trade off being a more narrow field of view. The same would apply to 16mm and 25mm lens. Better distance but a narrower field of view.



Solar Cam MK6 with a 4.3mm wide-angle lens at 10m



Solar Cam MK6 with a 4.3mm wide-angle lens at 20m



Solar Cam MK6 with a 4.3mm wide-angle lens at 30m



Solar Cam MK6 with a 8.0mm wide-angle lens at 10m



Solar Cam MK6 with a 8.0mm wide-angle lens at 20m



Solar Cam MK6 with a 8.0mm wide-angle lens at 30m

Tell me more!

Solar Cam 3G is actually packed full of functions and features. For instance, using the supplied software, remove the SD card from the camera and slot into your PC USB. We provide a USB SD card reader. By opening the camera software, users can alter camera settings to suit individual needs such as;

- Changing the time and date
- How many pictures would you like the camera to take on motion and what time duration would you prefer between those images.
- Would you like the camera to take 1 high res image upon motion (or time lapse) followed by a number of lower resolution images
- Would you like the camera to auto arm at 6.00am and disarm at 5.00pm
- Relay inputs and outputs are supplied with the camera meaning that other devices such as a strobe or siren etc can be activated upon motion
- Works anywhere that you have a 3G phone signal
- A wireless remote control can arm and disarm the camera at any time without touching the camera
- View camera recordings direct from your mobile phone or PC

Need more information

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