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DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE



## SOLAR 4G PTZ LED NIGHT VISION SECURITY CAMERA

Model Number 4G-PT-NIGHT

### Short Description

*4G Solar Pan & Tilt & Zoom Security Camera with LED Night Vision.* This amazing lightweight *DIY Solar camera* can be mounted anywhere. Easy DIY with **no need** for power, Internet, WiFi, or professional installation. All you need is a prepaid SIM card. Receive a push notification when the camera senses motion, view the camera live on your smartphone or PC, listen in and/or record HD video & audio to a concealed micro memory card or Cloud. *4G SolarCam* also supports two way audio conversation including LED or IR Night Vision. This *4G Solar PTZ Security Camera* has everything including 355 degree rotation, up and down tilt plus digital zoom with two way audio.

### Description

*Hidden Camera Surveillance 4G Wireless Solar Security HD Pan Tilt & Zoom (PTZ) Camera* with motion triggered IR or LED white light Night Vision plus audio, is ideal for anyone with a security need. This 2 megapixel CCTV camera is easy to install on any solid surface and weatherproof. The camera casing is a charcoal colour for the time being not white although identical to the image below.



This is NOT a WiFi camera (WiFi version is available as option) so it requires an active pre-Paid 4G SIM card and preferably one that can be credit "topped up" online. Provided you can make a mobile phone call at the proposed camera location, that's all you need. If so, then our *4G Solar Security Camera* will work well in the same location. It's important to understand that NOT all 4G cameras (solar or otherwise) will function here in Australia. Our *4G Solar Security Cameras* are designed and tested for use here in Australia. In fact, Hidden Camera Surveillance will offer customers our free setup service. Express post us your activated SIM card, we will install it into the camera for you and make sure it's all working perfectly before you receive it. All you need to do is download the camera App and scan a QR code emailed to you.

## 4G Camera Connection

insert 4G Sim Card to camera

no need wifi network

then scan QR code to add camera directly



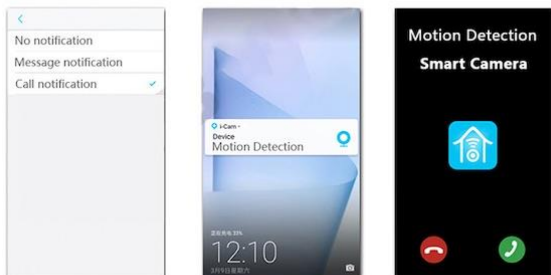
This is a remotely operated security camera with 24/7 video and audio and push alert protection. Day and night this DIY security camera is ideal for homes, building and construction sites, farms, holiday homes, driveways, watching over mailboxes, even public areas. This 3/4G solar powered Pan Tilt & Zoom security camera has the flexibility to continuously operate and remotely notify you of any intrusion or suspicious activity surrounding the camera zone. This camera does NOT auto track someone moving about although the lens is rather wide. If there is movement of course hopping online to view the camera live, the user or other authorised users, may indeed manually pan the camera left and right etc and follow that person around whilst recording.

## Remote Alarm Notification

when camera detected motion by PIR sensor

then push notification to mobile phone

and alarm at same time



Customers only need to download our free Iphone or Android App to see the camera live and online. In this regard when you receive the camera via overnight express post, it will be ready online other than mounting. We even provide a mounting bracket and screws. What more could you need? Nothing technical from your point, just mount the camera wherever you like, switch it on and instantly have a live camera view on your phone or PC. Each camera is provided with instructions however, we offer our customers a more detailed user manual including screen shots, so you understand exactly how it works and how to alter camera functions directly from your mobile phone.

**HD 1080P**  
**Mini Solar Camera**  
 Solar Panel Outdoor Weatherproof  
 Security Camera Wifi PIR Motion

**4G**

**Why Choose It**

- HD**  
1080P FHD Video  
1080P FHD Video with pristine
- 4G**  
TF card slot  
Support 4G network card remote viewing
- Day & Night Vision**  
Infrared night vision up to 30M
- Easy Remote Access**  
Remote access on Android and IOS
- PIR human detection**  
PIR & Radar Dual Sensor Detection
- Waterproof**  
Indoor and outdoor waterproof
- 1080P FHD Video**  
1080P FHD Video with pristine
- TF card slot**  
Supports cloud storage and local storage
- Rechargeable Battery**  
Solar charging built-in battery

This **4G PTZ Solar Security Camera** can function for weeks if not months even without sun. Don't worry, the batteries won't go flat even in the worst climate but even if it did, the rechargeable lithium batteries built into the 8W solar panel are easily recharged if needed. Additional batteries available as an option of required. In the unlikely event you do need to recharge, we provide our customers with a free battery charger anyway. It's all covered including our toll free telephone backup and support and fast overnight registered postage anywhere. You can't do that with others, but you can when you order from *Hidden Camera Surveillance Services* a trusted and registered Australian business since 1982.

## Pan & Tilt - Cover every corner

355° horizontally and 95° vertically, you can get a wide viewing angle with easily control via CTRONICS app on your phone.



This amazing lightweight *DIY Solar Security Camera* can be mounted anywhere regardless of power or Internet. All you need is a prepaid SIM card. We recommend Telstra because it offers the widest coverage especially in more remote regions although Optus and Vodafone are both supported. Data usage is minimal as data is only being used during remote access and recording playback. At all other times, it's not using data so rather cheap to maintain. Best of all unlike others, **no monthly or annual server fees.**



Receive a push notification (can be switched on/off) when the camera senses motion, view the camera live on your smartphone or PC, record HD Video & Audio to a concealed micro memory card or optional Cloud (service available) and it supports two way audio. This *4G HD Solar Camera* has everything including 355 degree rotation, up and down tilt plus a 4 x digital zoom. All PTZ movement functions are controlled from your mobile phone App or PC. If someone is moving about on your property, manually follow that person's movements and record or allow the camera to record. Please note this is not an auto tracking camera. If you are viewing the *4G solar Security camera* live on your phone or PC, video record whatever you see direct to your phone memory if you like but the point is the camera system supports both.

This *solar powered 2 Megapixel wireless 4G security camera* can record clear sharp video with audio day & night at 1920 x 1080 HD resolution in real time. The PTZ function allows for complete remote control of the camera with 355° horizontal rotation and 120° vertical tilt covering a huge range with less blind spots.

## Pan/Tilt Monitoring

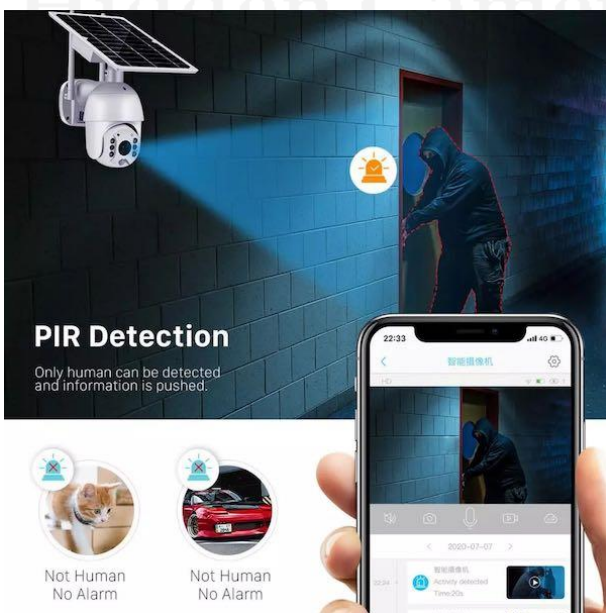
Sliding screen manually enables remote control of the rotation of camera and real-time monitoring.



Pan 330° | Tilt 90°

Remotely control the camera Pan Tilt & 4 x Digital Zoom by simply swiping the App in any direction. *4G Solar Security Cam* has a built in human sensing PIR and adjustable motion detection levels. This provides increased detection range up to 12M. The PIR Human detection is better than other cameras motion sensors as its not easily fooled into recording by animals, cars, and headlights etc. The built in PIR sensor is looking for a change in body heat thus dismissing headlights and other non-human movement if that makes sense.

Our *4G solar security camera* has the option to select B/W Infrared (IR) night vision or white Light LED. Either form of illumination becomes active upon sensing motion or when remotely accessing the camera. Both functions work very well however, selecting the white LED rather than IR serves two purposes. Firstly, if an intruder is moving about within camera range, the LED camera lights will illuminate often deterring the intruder from going any further. The bright white LEDs also allow the camera to record in **HD colour** by night rather the B/W infra-Red. Activate the mobile phone App motion audio alert as well, and you can see why this is one amazing *solar security camera system*. It can even be set to scheduled recording mode so that it only becomes active by day or night on certain days of the week. At all other times, the camera system is asleep and not using any power or SIM data. If on the other hand you login to the camera just for a look, this will wake it up and allow for remote access anytime day or night.



## Specifications

- Sensor: 1/3 Image Sensor
- Multiuser authorised access
- Compression: H.264/H.265
- Resolution: 2MP /1080P HD 1920x1080
- Motion Detection: PIR Human Sensor
- Angle View: 120 degrees
- PTZ Angle: Horizontal: 355° Vertical: 120°
- Rotate Speed: Horizontal: 55° per second , Vertical: 40°/s
- IR Distance: 30m
- Built-in audio Speaker
- Microphone: range up to 20m
- Lens: 3.6mm
- Cloud Storage: Supported
- Local Storage: SD card (Max 128GB)
- Solar Power: 8W
- Max Working Power: 4W
- Standby Power: 0.003Ws
- Working Temp: -30°C +60°C
- Charge time: 12 Hours. Best to fully charge before use.



### How much data does a 4G security cameras use?

Approx 2MB per day on standby mode is common but can vary. When recording or connecting to the camera, allow for somewhere between 260MB-700MB (Approx.) for 1 hour of recording App playback depending on the resolution pre-set. Playback would normally be a minute or so of video anyway and therefore data usage is quite minimal.

### What size memory card do I need?

We provide a 128GB SD card with each camera anyway as its part of the package, but let's say the camera is set to HD resolution (recording quality can be also scaled back if needed) for 1 minute motion duration. Each minute will use about 4MB of card memory. To put that into perspective, for every hour of recording about 240MB of memory will be used or 2.4GB for every 10 hours. Remember the camera is set to motion detection so it would take considerable long term movement for accumulate 10 hours of recording. In this regard we are looking at around 300 hours of constant recording to fill the supplied SD card. However, don't be concerned because when the SD card is full it will recycle or auto overwrite from the earliest recording date. The SD card can also be removed from the camera and recordings replayed manually and saved to PC if desired. All recordings are time and date stamped for authenticity.

## 4G Solar Security Camera Functions & Features



### Dimensions

Solar Panel – 265mm x 175mm  
Camera - 150 x 90 x 80mm



### Is the Solar Panel fixed to the camera or can it be removed?

The light weight 8W solar panel is provided with a bracket used to attach directly to the camera head as pictured. However, the solar panel is also provided with a 2m cable so the panel can be separated from the actual camera housing. In some cases, the camera may need to be wall mounted but the wall is shading the panel. It supports both options meaning the camera could be bracket mounted to a wall in a shaded area with the solar panel roof or pole mounted above the camera to receive more sunlight.



**Features and Benefits**

- Solar Powered – can also be 5V powered if needed.
- No Monthly Server Fees – Cloud Server remote storage is optional
- Share the camera with friends and colleagues
- Easy DIY Installation - No complicated setup or network configuration needed
- Smartphone Viewing - Free iPhone/Android App or PC for live access anywhere
- Password Protected - Your video is encrypted
- Image Flip
- Expandable
- Two way audio
- Record to your phone
- Remote SD card recording playback
- Video Time & Date stamp
- Take still pics on demand
- SD & HD Recording
- Constant Recording if preferred



**Two-way Audio**

Built-in mic&speaker to listen in and talk back interactively



Please note this camera supports multiusers provided password access is granted.



The image below depicts various camera features and functions. 4G SolarCam supports both LED or IR night vision which enables the device to record in colour or Infra-Red by night. LED is also a huge intruder deterrent factor. The camera can be set to even announce a 10 second audio alarm or alert if enabled or uses can talk through the camera speaker directly from your phone.



You and any other authorised user may elect to receive a phone push alert when motion is being detected and recorded (motion alerts can be switched on or off) so it's a great "heads-up" alert. In most cases if an intruder enters a site with intention to steal or damage, a camera shining an LED will normally result in the intruder leaving the area for fear of being caught. Whilst this 4G Solar PTZ Camera is recording the event to internal memory, the authorised user/s can instantly playback that recording, even save it to mobile phone memory so it's not lost or quickly sent to police as evidence. If you can see the intruder is wearing blue jeans and perhaps a red jacket, that makes identifying the intruder that much easier.

If on the other hand you prefer NOT to use LED night vision, select IR or Infrared instead. IR is not as intrusive and unlikely to be seen by the intruder, but the *security camera* will record regardless albeit in B/W mode. IR cannot record in colour, but LED illumination certainly can.



Of course, being a Pan Tilt and digital zoom camera, if you do happen to encounter an intruder and happen to be viewing the camera live on your phone, the app allows for the authorised user/s to follow and record the intruder by simply panning, tilting, and zooming if needed. At the end of the day there is not much this 4G solar powered security camera can't do. It's packed full of features and functions at a fraction of the cost of anything even remotely similar. Best of all, no rental fees, no security access fees, no server fees, and no professional installation fees. You own the camera outright whereas others prefer to charge a monthly or annual rental fee.

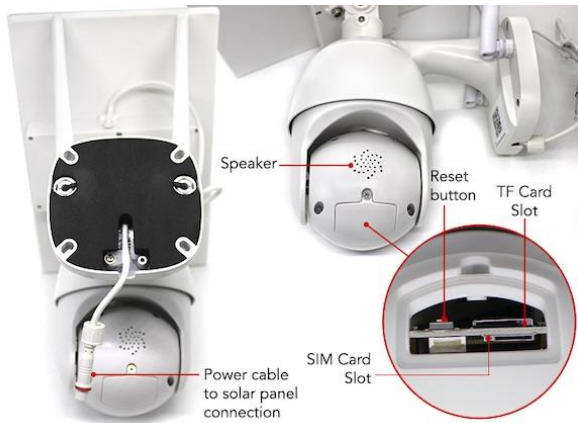
It's easy to DIY and we will assist with whatever you need. Wall or pole mounting is ideal. Remember, if for any reason you are concerned that the camera and/or SD card recordings could be stolen or lost to a thief, this camera does support Cloud server recordings which will never be lost. Hidden Camera Surveillance charges no server recording Cloud fee. This service is totally optional and becomes active online at any time that you choose. If not happy with the service, simply allow the Cloud service to expire and resume SD card recording. What's not to like?

#### **How easy is to setup and program?**

Simply download the phone App and connect the camera via the QR code. Create a new password and then once online with a live access, change the camera features and functions to suit your needs. If you prefer to use remote cloud recording, select the option it's all very simple and straightforward so anyone can do it.

#### **How do I look at SD card or Cloud stored recorded video and audio?**

During live camera access, touch the playback tab to reveal a monthly calendar. Each day will indicate if motion was recorded. Touch the day to see a list of events or a 24hr clock timeline. Searching is very easy as all recordings are actual motion events so click on the event to playback in real time. If you like, save the event to your phone memory. No need to delete recordings as the camera will auto do that when the SD card memory is full anyway but your choice. This camera also has the option to constantly record at any time but clearly this will consume more battery power.



**How long does the battery last?**

The lithium batteries ought to power the camera on standby mode for weeks and sometimes even months regardless of the solar panel. If on the other hand the camera is recording and being accessed regularly, the battery power will be less but in most instances nothing to be concerned about.

As sure as the sun will rise, you can count on the sun recharging the batteries to 100% capacity in no time. Don't be concerned that the camera may miss something in standby mode as the motion detection is very sensitive (within range). When motion is detected, it may take a few seconds for the camera to wake but nothing more. The camera enters "standby mode" when there is no motion or no recording. This significantly reduces battery power load compared to traditional cabled and powered CCTV security cameras.



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### Is there a 4G Solar Security advantage over standard CCTV Cameras?

If you have a need for one or more security cameras and you don't have power or Internet, get a quote from a reliable local supplier and installer. Look at the camera and NVR recorder costs, the cabling cost and inconvenience, labour costs not to mention ongoing service and maintenance. Can a standard CCTV camera be remotely rotated and zoomed? Does a standard CCTV camera have motion LED and IR night illumination or motion alert audio? Can I moved CCTV cameras to another location whenever I need? The answer of course is no. However, with our 4G or optional *WiFi Solar security camera system*, the answer to all those questions is a resounding YES.

### Warranty

Yes of course 12 months warranty on the camera and 2 years on the batteries and solar panel excluding delivery costs.

