PHONE & EMAIL ADVICE – SECURE ONLINE ORDERS OR CALL OUR OFFICE
DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE

4G OUTDOOR CCTV WIRELESS HD SECURITY CAMERA

Model Number – 4G-SEC-CAM

Short Description.

If often away from your home, office or farm and need to keep an eye on who is coming or going, our new *4G wireless CCTV HD Security Camera* is the ultimate DIY surveillance solution. It's very important when buying a network security camera to ensure compatibility with our Australian mobile phone network because many 3/4G security cameras simply won't be 4G supported on our mobile network. Hidden Camera Surveillance offers a cellular network guarantee.

Our *3/4G Indoor/outdoor security camera* is not just powerful supporting **CamHiPro**, arguably the world's smartest and most professional phone App but most importantly, 100% compatible and tested with our Australian mobile phone network. Provided you have mobile phone reception at the proposed camera location, nothing to be concerned about and best of all, no cabling required. All you need is a prepaid nano SIM card and a power point. This camera is 12V powered so plug it into the closest electric socket (Australian of course) and the installation is done.

Description
So just how good is this *4G surveillance camera?* There's no need to talk it up as we know this isn't your average 4G security camera. Let's have a brief look at some of the camera functions.

Can I install this camera myself or do I need a CCTV professional?
Absolutely easy to DIY. Provided you can mount a small bracket to a wall, timber, or any other sturdy structure with just 3 screws, that's the hard part done. Remember this is a 12V powered camera so wherever you decide to mount the camera bracket, the supplied Australian 12V mini power supply, needs to plug into a power point, even if an extension cord is required. Otherwise, an electrician could add a PowerPoint closer to the camera. The camera lead is 2m in length.

What type of SIM card do I need?
We recommend Telstra for its Australia wide coverage, but the SIM card needs its own mobile number. You may already have a mobile phone plan so without much extra cost, ask for an additional SIM with voice and text. In other words, don't simply ask for a DATA only SIM card. It needs to be a standard active SIM (nano size) and one that can be credit topped up online when needed or added to your existing mobile phone account.

Does the 4G CCTV Security Camera use much data?

Many SIM cards have unlimited data but in answer to that question, no it uses very little. SIM data is only used when the user/s remotely log in to live view or playback SD card recordings. If you are not live viewing, the camera isn't using any data, not even when recording. If live viewing the camera for extended periods, then yes of course it will use data relatively fast however, in most instances, checking in now and then or remotely playing back the odd recording uses very little mobile data so nothing to be concerned about. If you need more information on this subject, call our office, we are happy to help and answer any questions. Think of this as you would a mobile phone being used a few times say 5-15 minutes per day. Find the cheapest mobile SIM card offer for a limited user?

Why choose our 3/4G Security Camera over a wired CCTV camera with NVR?

The first thing to consider is cost. An IP camera system in most cases is wired or cabled back to a Network Video Recorder (NVR) which is both costly and certainly not DIY meaning a professional installer is needed. For remote access to the camera/s the NVR needs to be interfaced with your router with IP addressing and so on so which is all rather technical and difficult for any novice.

If you happen to have WiFi available at your home or office, this same camera is available in a WiFi version rather than 4G. For your information, let's assume you don't have Internet or WiFi at the camera location. It could be a home, an office, a shed, building or construction site, unattended machinery, pets, cattle, mine site, it really doesn't matter. The point is, even without Internet, provided you have power and a 3G/4G mobile phone signal, that's all you need. It works just as well as WiFi or any other cabled CCTV camera with little or no delay depending on signal strength.

As mentioned, this camera is easy to install and set so moving it from one location to another is a breeze. Not so easy with cabled cameras. Remote access one or multi *4G cameras* simultaneously directly from your Iphone or Android phone. Distance is not a factor. One camera could be in Melbourne, another in Sydney or even more cameras in Brisbane or Alice Springs. It really doesn't matter where the cameras are located as all use the same mobile network. The cameras and App of course are password protected preventing unauthorised access albeit one or more cameras may be shared with friends, family, or work colleagues.

If on the other hand you do happen to have an NVR, DVR, NAS this security camera is also Onvif compliant and supplied with an RJ45 port. We don't guarantee it will function with ALL NVR or DVR systems although if Onvif is supported, then in most cases the camera will be supported too.

Can I view the camera on my PC?
Yes, you can as we provide CMS software for PC applications.

Tell me about the recording quality and audio?
Some consider the recording quality of a *4G security surveillance camera* not up to the same standard as a HD CCTV camera. At 5.0 Megapixel resolution 2560 x 1920 how does that compare? What about 2 way audio? Are we ticking all the boxes yet or still not convinced?

Night Vision
You better believe it and up to 20m. With a 3.6mm wide viewing angle at 89 degrees and 6 x IR illuminators, built-in microphone, and speaker, this *3/4G HD Surveillance Security Camera* has just about every feature and function one could ever need.

What about Motion Detection?
Many CCTV security cameras use a PIR motion sensor to trigger recording. PIR is OK but there are limitations in the sense that PIR is rather old technology and easily fooled. PIR (like a home alarm sensor) is seeking changes in heat, such as a person's body heat but sudden changes such as a gust of wind, even car headlights etc can easily fool the camera into recording or worse still not record at all.

PIR technology has an advantage indoors where the environment doesn't alter too much but outdoors, that's quite different. Our *4G HD camera system* doesn't use PIR technology. We did say this camera is smart and to prove the point, it does support AI or Artificial Intelligence.

AI is not affected by elements such as wind, rain, changes in lighting, tree branches etc. Its looking for pixel changes such as *person* or a vehicle and can see the difference between an animal and a person. This *4G security camera* is much smarter than most others so it records what it needs to record. PIR motion activation can result in a great deal or false recordings which is not really an issue with AI technology.

Artificial intelligence (AI) is the ability of a computer, or a robot controlled by a computer to do tasks that are usually done by humans because they require human intelligence and discernment. In this case AI is built in software which takes this *security camera* to a whole new level.

Can I be alerted if motion is detected?
Absolutely and even better, why not set the camera to scheduled recording or scheduled alerts. In this setting, when motion is detected, not only will the camera record motion events to the internal SD card memory, but send push alerts to your mobile phone, similar to a text. A push alert is App generated so alerts are easily switched on/off from your App or phone.

With scheduled recording active, why not set the camera to arm and disarm at specific times of the day or week. For instance, a building site. The site may be quite active between the hours of 6.00am and 5.00pm Monday to Friday and closed on weekends. Perhaps there is no point allowing the camera to record all motion by day but certainly interested in recording anything that happens during the night and weekends including alerts. This camera can be set to do just that. It's not complicated, just another App function easily enabled or disabled as you choose. This camera even has motion audio alert recordings built in such as a dog bark and more.

How do I set the camera to record?
Constant recording is supported so use this feature if you choose although most select motion detection recording as the primary setup. Motion detection means that every recording becomes an "event" and each event is time and date stamped for authenticity. It's much faster and easier to select a MD event for remote playback compared to a constant recording but the app does allow for pause, FF and REW at various speeds (same as an NVR)

When the camera is mounted and you have a live phone view, the setting option will include motion detection. Options include MD sensitivity levels and MD zones. A zone (this is what the camera can see) may take in a wide angle although a certain area of that view maybe irrelevant from a security point of view. This is where the AI kicks in so the App setting will basically ask you to select the area of most concern which could be a driveway gate or door only. In this regard, should there be movement within that zone only (exclude all other areas) this becomes the trigger or recording point. The MD zone could be as large or as small as you like, even multi zones.

I received a motion push alert and I need to see what happened?
At the end of the day, that's what this *4G CCTV security camera* is all about. Click on the App to instantly live view the camera with audio, even talk through the speaker. It may be that you don't see anyone onsite at that moment. The App allows you to remotely access the 128GB SD memory card. We know there was an event recorded just a minute or two ago because you received a push alert.

Setting allows users to select how long the camera records each time motion is detected which could be anywhere from 30 seconds to 5 minutes, but your choice. If there is continual or long term movement, the camera will continuously record anyway but will auto save one motion event after another. Simply click on the event to playback that recording. If an intruder was recorded, save that recording direct to your phone memory for safe keeping. That saved phone memory recording can be instantly emailed or sent by text to Police or security or as future reference.

Can I playback Recordings on a PC or MAC?
You guessed it, of course you can. The optional camera SD card (32-128GB) once removed from the camera and interfaced with PC or MAC USB. Windows Media Player and/or VLC are both supported so users can save the entire memory card to HDD if required or just certain events.

What Happens when the memory card is full?
The App allows user to select various recording resolution options to the higher the set resolution, the faster it will use memory but user choice. When the card is full of recordings, it will auto return to the earliest recording date and slowly commence over-writing or recycling recording. That's not to say all recordings over the past few months are deleted, rather a slow overwrite. If on the other hand when the internal memory is full you prefer NOT to recycle or Loop record, select STOP recording when full.

Specifications
Video Resolution: 5.0 Megapixel
Video size 2560 x 1920
Record Speed selectable including real time
Viewing angle approx. 89 degrees wide angle 3.6mm (2.8mm optional)
Motion detection distance approx. 20m line of sight
Night Vision approx. 20m
Compression H.265
Chipset SmartSens SC5238+ingenic T31X
CamHiPro Remote Control and View
Memory Card supported up to 128GB Class 10 or better
Audio Two way audio with built in microphone and speaker
Weatherproof – Yes
Connection type 3G/4G RJ45 wired
3G Standard – WCDMA
3G Frequency Range – B1(2100Mhz), 88 (900Mhz)
4G Standard – FDD-LTE/TDD-LTE
4G Frequency Range – B1(2100Mhz) B3(1800Mhz) B7(260Mhz) B8(900Mhz) B20(800Mhz) B38(2600Mhz) B40 (2300Mhz) B41(2500Mhz)
Power – 12V DC supplied
Mobile Alert Notification – Yes
Human Motion Detection – AI Supported
Housing – Alloy
Media Player WMP or VLC etc
Recording memory: Selectable quality and speed
Web browser IE7 and above, Chrome, Firefox & Safari
Mobile Phone supports Iphone and Android
Microphone: Yes
Built in Speaker: Yes
Size: 175 x 62 x 66mm
Weight 350g