

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



## WiFi OUTDOOR CCTV HD SECURITY CAMERA

**Model Number – WF-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 *WiFi wireless CCTV HD Security Camera* is the ultimate DIY surveillance solution.

Our *WiFi Indoor/outdoor security camera* isn't just powerful supporting **CamHiPro**, arguably the world's smartest and most professional phone App. Provided you have WiFi Internet reception at the proposed camera location, nothing more to be concerned about and best of all, no cabling required. This camera is 12V powered so plug it into the closest powerpoint (Australian of course) and the installation is done.

### **Description**

So just how good is this *WiFi surveillance camera*? There's no need to talk it up as we know this isn't your average WiFi security camera. See below for more camera functions and information.



### **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.

### **Why choose our WiFi Security Camera over a wired NVE CCTV camera?**

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 and cameras must be interfaced with your router with IP addressing and so on so which is all rather technical.

If you don't have WiFi available at the camera location, this same camera is available in a 4G version rather than WiFi. 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 *WiFi 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 *WiFi security surveillance camera* not up to the same standard as a HD CCTV security 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 *WiFi HD Surveillance Security Camera* has just about every feature and function one could ever desire.

### **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 *WiFi HD camera system* doesn't use PIR technology. We did say this camera is smart and to prove the point, it supports AI or Artificial Intelligence instead of PIR.



AI isn't affected by wind, rain, changes in lighting, tree branches etc. Its looking for pixel changes such as *person* or a vehicle and determine see the difference between an animal and a person. This *WiFi 12V powered security camera* is much smarter than most others as it records what it needs to record. PIR motion activation can result in a great deal or false recordings which isn't 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 *WiFi 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, 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 authorised user/s to select various recording resolution options. The higher the set resolution, the faster it will use memory but user choice. When the card is recording full, it will auto return to the earliest recording date and slowly over-write or recycle recording. That's not to say all recordings over the past few months are deleted, it's removing the oldest recordings first not the most recent. If on the other hand when the internal memory is full you prefer NOT to recycle or Loop Record, in settings 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 WiFi and RJ45 wired  
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



# HOS

Hidden Camera Surveillance