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**DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE**



## **WiFi HD SMOKE ALARM SPY CAMERA**

Model Number – hsmkwf

### **Short Description**

Outstanding new *WiFi Smoke Alarm Spy Camera* with 6-8 months battery standby with no need for power or cables. Our Iphone or Android App is the only requirement needed to live view this camera from anywhere in the world. Whenever the camera detects motion within 5-8m, it will instantly record 1080P HD video & audio to the concealed memory and if desired, send you a motion detection text push alerts. Please note the wide angle 120 degree pinhole lens is a horizontal with a slight 15 degree downward view. It can even see in the dark.

### **Description**

Our new *WiFi Wireless Horizontal View Smoke Detector Spy Camera* has a built in rechargeable polymer battery for up to 6 months use from just one battery charge. Some of our customers use double sided tape or velcro to ceiling mount the *smoke alarm hidden camera* but it does support a ceiling screw in bracket for added security.

This unique *hidden camera* can also be powered. *Hidden Camera Surveillance (HCS)* will provide it's customers only and at no extra cost, an Australian 5V USB power supply and USB power lead to permanently power the camera if preferred but can also be used to recharge the camera battery.

Whenever the camera detects motion up to a distance of approximately 8m (depends on the object size) it will silently record in sync 1080P HD video & audio to the concealed camera micro SD memory card in either 720P or 1080P HD resolution. Our App also supports instant push notifications the moment motion is detected. With motion alerts armed, simply click on your phone App to view the camera live, listen to audio and remotely playback recordings stored on the camera concealed micro SD memory card. To remote view, if you happen to be in a WiFi zone, great use it but if you only have 4G, no problem it works exactly the same.

Unlike other *hidden security spy cameras*, this particular *spy cam* has built in *No Glow invisible IR* so it can see and record even in total darkness. When not accessing the device, the *WiFi Smoke Alarm Spy Cam* will enter into "sleep mode" thus conserving battery power and will only awaken during a remote login or when motion is detected.

It's also important to understand that should the camera be recording frequently at high resolution with frequent remote logins, regular remote playback etc, naturally the battery capacity will be used faster but it still has a very substantial recording duration and operational time.

In live view mode, users will be able to see the camera battery charge capacity and therefore know when its necessary to recharge. The *horizontal view smoke setector WiFi hidden camera* will even function whilst charging.

This image depicts an angled view of the *Wireless Smoke Detector WiFi Spy Camera*



### **Specifications**

Hidden pinhole *Dummy Smoke Detector Spy Camera*

Selectable high resolution 720P or 1080P video & audio recording

No Glow IR for night vision

Supports a Class 10 Micro SD memory card up to 128GB

High quality video & audio recording even in low light or darkness

- Rechargeable battery for up to 6-8 months standby
- Video:- Format: H.264 AVI - Resolution: 1920 x 1080
- Frame Rate: 15 FPS (PAL)
- Power: Li-ion battery
- Battery Type: DC 3.7V/5500 mA High-capacity lithium polymer
- Voltage: DC 5V
- Lens Angle 60- or 120-degree wide angle (120 degree in stock)
- PIR Motion sensor
- No Glow IR up to 5m
- Motion boot approx. 1 second
- Video Recording selection 10-60 seconds per motion detection
- WiFi Module IEEE802.11b/g/n
- Date and Time Stamp – Y/M/D H/M/S
- Snapshot Recording
- Power Consumption – 200uA in standby, 190mA in recording (WiFi)  
590mA-650mA WiFi + Night Vision
- Compatible with Windows 2000 / XP / me / 2003 / Vista, Mac OS 10.4
- Charging Time – 24hrs with 5V USB power adapter or PC USB
- Media Playing Software: WMP or VLC and most popular players
- 1 Year Warranty

This image depicts the *WiFi Smoke Detector Hidden Spy camera* side view. The pinhole lens is located on the side of the smoke alarm rather than the underside including a new & very advanced motion sensor with no glow IR night vision



### **What's the difference between a DVR & WiFi Smoke Detector Spy Camera?**

There is a difference between our *WiFi smoke detector hidden spy camera* and a similar albeit cheaper *DVR smoke detector spy camera*. HCS stocks both camera options but to briefly explain, a DVR type hidden camera is normally supplied with a mini wireless push button remote control.

The remote control enables the camera to be switched on/off and stop/start recording insofar as functions are concerned. The *DVR smoke detector spy camera* has shorter recording memory duration and far less battery capacity.

A *DVR (Digital Video Recorder) smoke alarm hidden camera* normally supports a maximum 32GB to 64GB memory card whereas our *WiFi smoke detector spy camera* supports up to 128GB whilst the resolution or recording quality is adjustable. A DVR spy camera is cheaper albeit less features and functions. Whilst this DVR camera has a smaller internal battery, ideally its needs to be 5V powered so customers do need to find a power point which in some cases can be annoying.

To view or playback *DVR hidden camera* recordings, it's necessary to remove the concealed SD card within the *hidden smoke detector camera* and replay those video clips on a PC or MAC.

The *WiFi smoke detector hidden camera* on the other hand supports anywhere from 16GB to 128GB Micro SD card so not only is the recording capacity significantly higher than any DVR hidden camera, but the built-in lithium rechargeable battery can keep the camera functional for up to 6 months on one charge. A *WiFi hidden camera* such as this is significantly more advanced in terms of features and functions with no need for a remote control. In fact, your phone is the remote control if that makes sense.

HCS *dummy WiFi smoke detector hidden camera* requires the authorised user to download our App. The App supports both Iphone, Android and PC. Users can view the camera live from anywhere and/or share with other authorised users, playback recordings with audio, save recordings to phone or PC memory and receive motion alerts if enabled.

### **Tell me more**

Our *WiFi smoke detector hidden camera* has a range of recording options including *Scheduled recording, Constant recording & motion detection recording*. When motion is detected, the camera will silently record day or night in packets or time slots of 30-60 seconds duration called motion or alarm events.

With WiFi or mobile phone access, users simply tap on the app to live view the camera and audio. In other words, you watch and listen to what the camera can see and hear. Depending on network upload and download speed, the video and audio can be slow or at times, even drop out. This is NOT a camera fault as the same applies to all similar networked wireless devices.

For that reason, if using an optional Class 10 SD memory card, the camera will record audio and video in real time. To view the actual SD card recording in real time, and again depending on network speed, it may be necessary to remotely download the desired video clip/s directly to your phone and save that recording.

An SD card isn't essential, but users can only view or record to mobile phone memory when that phone is in live viewing camera mode. With an SD card discreetly slotted beneath the *smoke detector spy cam*, regardless of any network connection, it will record to that SD card anytime when motion is detected. Set the camera up in a WiFi zone and without switching the camera off, relocate the *spy camera* to a non WiFi location. The camera will record upon sensing motion however, as the camera is no longer located in a WiFi zone, you now have no remote access to the camera.

If on the other hand the camera is later returned to the WiFi zone, remote access is resumed.

Other Camera App functions include.

- Scheduled recording meaning the camera can be set to record at pre-set times.
- Motion detection recording mode
- Constant recording mode
- Receive motion alerts when the camera is in WiFi mode.
- Take still pictures
- Audio on/off
- Username and password protection
- Scene switching mode from Half screen to Full screen mode
- Take Screenshots
- Adjusting image quality
- Video Flip
- Switch the camera on/off
- SD memory card remote playback and download
- Auto recycle recording when SD card is full

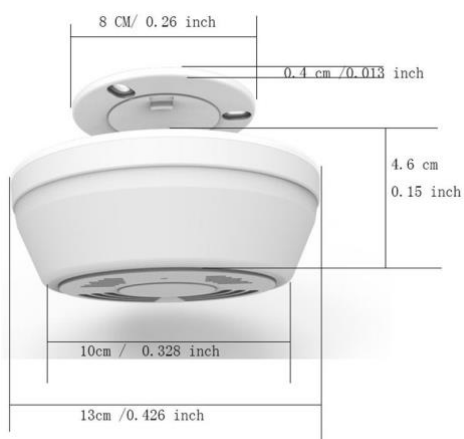
Please note this *smoke detector camera with WiFi* is NOT a working smoke alarm. This is a *dummy smoke alarm* casing with a polymer battery, HD pinhole camera and WiFi built into a smoke detector case.

Therefore, it should not be used to replace an existing functional smoke detector. This image depicts the *WiFi IP Smoke Alarm Hidden Spy camera* full-frontal view. If ceiling mounting the camera, the camera lens will be looking horizontally across the room and 15 degrees slightly down at a wide 120 degree angle.

This image depicts the underside of the *wireless HD 1080P IP smoke alarm spy camera*. Note the on/off switch, micro SD memory card slot, QR code, mini USB charging port and the camera reset button. Press and hold this button for 10 seconds to take the hidden camera back to factory default settings.



This image depicts the *IP Smoke Detector camera* dimensions.



This image depicts the *Smoke Detector with camera* packaging contents. As mentioned, Hidden camera surveillance will supply its customers only with a no extra cost, a 5V USB Australian charger which can be used to either charge the internal battery and/or permanently power the camera.



### **How does motion detection work?**

Our mobile phone App allows for authorised WiFi spy camera users (remote access can be shared) to select *motion detection recording* on or off. If this feature is armed, each time the camera detects motion, it will record real time audio and video to the concealed micro memory card from 5-60 seconds non-stop. This is commonly referred to as Alert or Alarm recording. It also allows the user to search recordings by calendar time and date or by Alert.

If motion continues beyond 60 seconds, the *WiFi smoke detector hidden camera* will continue to record in 30 to 60 second increments until motion ceases. For this reason, there's probably no need to set constant recording. Provided the *dummy spy camera* is continually detecting motion, other than short pauses between recording files, it will continuously record anyway.

Furthermore, with phone push notifications on and with the camera in WiFi mode, user/s can elect to receive mobile phone motion triggered text or push alerts. By tapping on the App alert, playback recordings without the need to search. The internal calendar allows authorised users to search motion time and date recordings by day, week & month. The App also support multi camera access and live listen in.

If *constant recording* is enabled or preferred over motion detection, the device will constantly record when App armed and stop recording when disarmed. It can also be scheduled to start and stop recording and pre-defined times. A constant recording is a much larger data file compared to motion recording so remotely downloading a large file can be difficult. To view constant recording files, best to switch the camera off, remove the SD card and connect it into PC USB using an SD card reader.

This image depicts the *WiFi Smoke Detector Hidden Spy camera* underside. The mounting plate allows the camera to be fixed to a ceiling or wall. Some customers use double sided tape to avoid drilling ceiling holes and quickly move the camera from one location to another.



### **WiFi remote access how does it work?**

The App settings refer to *WiFi setup* and HCS will supply its customers only with a detailed instruction manual including screen shots demonstrating camera functions. Each camera is supplied with standard instructions, but *Hidden Camera Surveillance* offers its customers a personally drafted user manual including actual screen shots for a much easier setup experience.

To use WiFi remote access, the *dummy wifi smoke alarm spy camera* must be within range of a WiFi network and the authorised user must know the WiFi password. The router must be set to 2.4Ghz frequency as cameras of this nature do NOT support the 5Ghz range. Often when looking at phone WiFi settings, the router may provide options for both 2.4Ghz and 5Ghz so select 2.4Ghz.

Our App will prompt you to select your router and WiFi network password. The *WiFi Smoke Alarm Hidden Camera* will reboot which takes a minute or two so the next time the authorised user logs into the App, it will be live view camera access. The authorised user could potentially be anywhere in the world, perhaps in another WiFi zone or simply connect via the 3/4G mobile network. The *smoke alarm spy camera* must stay in WiFi range of the router with a decent signal to remote access the device.

It's important to understand, due to network speed, remote camera login can at times be slow resulting in staggered live viewing or slow recording playback. In recording playback mode, if the network is slow, this can cause live view to drop out meaning logging in again. Please note this isn't a camera fault. It's common with wireless access but rest assured, if using an SD memory card, the device itself has recorded in real time so nothing is lost. One can always come back to the memory card and replay on PC or MAC. The other option is to download any desired recording to your phone or PC and once downloaded, the playback will be in real time and saved.

### **Can I place the Spy Smoke Detector camera in a non WiFi location?**

If you prefer to relocate the camera a NO WiFi signal zone, that can be done. However, it's important to initially set the camera within a WiFi zone because all *smoke detector spy camera* settings, including motion detection etc, are App controlled.

Once the camera settings are saved and you're sure it's recording upon motion (test it first) don't switch the *Smoke Detector Spy Camera* off. Leave the camera on and relocate to another non-WiFi location. Should you switch the camera off, it will be attempting to locate WiFi again. Once the spy cam is moved away from a WiFi zone, the App will be of no further use at that time and you won't have any further remote camera access. The *smoke alarm hidden camera* will on the other hand still record to the internal memory card upon detecting motion, so recordings can be later replayed on PC once the SD card is removed, or the camera is returned to the initial WiFi location.

### **Can other people see the Smoke Detector Hidden Camera?**

It's a question often asked and rightly so. In short, the answer is no. When entering a shop, home, or office, often your phone will depict all WiFi routers within range. Other than your personal router, all others are private, and password protected.

In this regard, when the camera is switched on, after a minute or so, you will see a UID number appear in the mobile phone WiFi settings. The UID does NOT refer to a camera or anything of that nature. It's simply a series of letters and numbers which won't mean anything to anyone other than you.

For example, the UID would look like YiEye-27593t49 but to any other person who just happens to see it, for all intents and purposes the UID number could be a neighbour's router. Clicking on the UID won't do anything for an unauthorised person. The authorised user requires the correct App, user name and password etc so it won't arouse suspicion nor allow remote access to anyone unauthorised.

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