

HIDDEN CAMERA SURVEILLANCE – THE SPY CAMERA EXPERTS
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DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE



WIFI VERTICAL VIEW SMOKE DETECTOR SPY CAMERA

Model Number – Smkwf

Short Description

Outstanding new *WiFi Smoke Detector Spy Camera* with 6-8 months battery standby. No need for power or cables. Using our free IPhone or Android App, live view this camera from anywhere in the world. Whenever the camera detects motion, it will silently record video & audio to the concealed micro SD memory card in 720P or 1080P HD resolution. Please note the wide angle 120 degree pinhole lens is a VERTICAL or downward view, not a sideways or horizontal view so ideal for cash register surveillance, watching over a safe or any other area deemed to be security or theft risk.

Description

This *Wireless Smoke Detector Hidden Camera* has a built in rechargeable polymer battery which can keep the camera fully functional for up to 6 months or more. Ideal to ceiling mount but could be wall or side mounted if desired. Many of our customers use double sided tape or velcro to mount the *smoke alarm nanny cam* but it does support a ceiling screw in bracket for added security and peace of mind.

This unique hidden camera can also be powered if preferred. *Hidden Camera Surveillance* (HCS) will provide it's customers only at no extra cost, an Australian 5V USB power supply and power charging lead to permanently power the camera. In other words it supports both battery and/or mains powering options.

Whenever the camera detects motion within 1-7m, it will discreetly record HD video & in sync audio to the camera concealed micro SD memory card at 720P or 1080P HD resolution. Our App also supports instant smart phone 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 from the the internal concealed SD memory card.

Unlike other hidden security spy cameras, this particular camera has built in *No Glow invisible IR* so it can see and record even in total darkness. If not live viewing or recording, the *WiFi Smoke Alarm Spy Camera* will enter into "sleep mode" to conserve battery power and will only awaken during a live login or when motion is detected. It's for this reason the battery capacity has such a long operational time frame of 6 months in standby mode.

It's also important to understand that should the camera be recording frequently at high resolution with regular remote logins, frequent remote playback etc, naturally the battery capacity will be used faster but it still has very long 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. This *Smoke Detector WiFi 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*

Main Features:

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 recording even in low light

- 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 built in up to 5m
- No Glow IR up to 7m
- 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



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

There is a fundamental difference between this *WiFi Smoke Detector Hidden Spy camera spy camera* and a similar albeit cheaper *DVR Smoke Detector spy camera*. HCS has 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 but that's about it as far as functions are concerned. By comparison, the *DVR Smoke Detector camera* has shorter recording memory duration and far less battery capacity. A *DVR (Digital Video Recorder) Smoke detector hidden Camera* normally supports a maximum 32GB memory card whereas our *WiFi Smoke Detector Spy Camera* supports up to 128GB and the resolution is App adjustable. The DVR unit is cheaper but less features and functions.

Our *DVR Smoke detector hidden cameras* have the added advantage of a side on angled horizontal view rather than a vertical view. Whilst this DVR camera has a small internal battery, ideally its needs to be 5V powered so customers do need to find a power point which in some instances can be annoying.

To view or playback DVR camera recordings, it's necessary to remove the concealed SD card from inside the 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 so there's no need for a remote control as your phone is the remote control if that makes sense.

The dummy *WiFi Smoke detector hidden camera* requires the authorised user to download a free App. The App supports both Iphone, Android and PC. Users may view the camera live from anywhere and/or share with other authorised users.

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 instantly record day or night in packets of 30-60 seconds called events.

With WiFi mobile phone camera access, users may live view camera video and audio linked directly to their smart phone app. In other words, you see and hear what the camera can see and hear. Depending on network upload and download speed, video and audio can be slow, or even drop out at times. This isn't a camera fault as the same applies to most wireless devices, including mobile phones.

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

An SD card isn't essential, but users can only view or record to mobile phone memory when that phone is in an *active live viewing camera mode*. If not live viewing, then one cannot record to a phone, so the SD card is the recording backup. With an SD card slotted into the camera, regardless of any network connection, it will record anytime regardless of any network.

Other Camera App functions include;

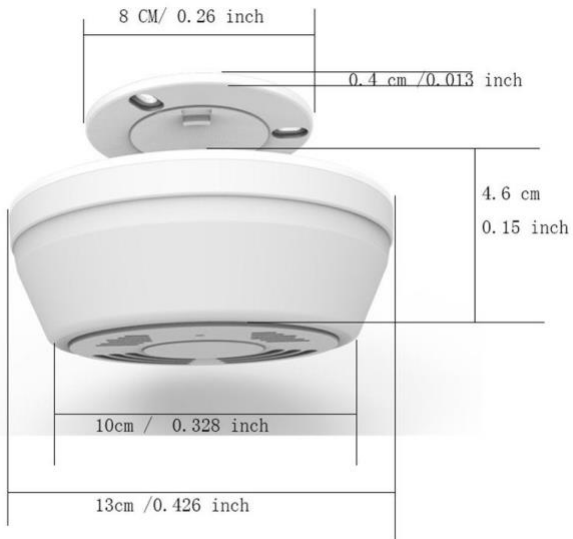
- Scheduled recording meaning the camera can be set to record etc at pre-set times.
- Motion detection recording mode
- Constant recording mode
- Receive motion alerts when the camera is in WiFi mode.
- Audio on/off
- Unique Username and password protection
- Scene switching mode from Half screen to 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 with Camera WiFi* is NOT a functional smoke alarm. This is *dummy smoke detector* casing with a polymer battery, HD pinhole camera and WiFi module built into a real smoke detector case only. Therefore, it should not be used to replace of an existing functional smoke detector.

This image depicts the *WiFi Smoke Detector Hidden Spy camera* full-frontal view. Note the tiny and virtually undetectable pinhole camera lens. If ceiling mounting the camera, the camera lens will be looking vertically down at a very wide 120-degree angle. Ideal for monitoring a safe or cash register etc



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



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



How does motion detection recording work?

The App allows for an authorised user (camera access can be shared if required) to SELECT *motion detection* on or off. If this feature is armed, then each time the camera detects motion up 6m away, it will record in real time to internal SD card memory from 5-60 seconds non-stop including audio. This is commonly referred to as an ALERT recording. It also allows for the user to search recordings by App calendar time and date or by Alerts.

If motion continues beyond 60 seconds, the *Smoke Detector Hidden Camera* will continue to record in 30 or 60 second increments until motion ceases.

Furthermore, with phone notifications on and the camera in WiFi mode, user/s can receive mobile phone motion triggered push alerts. By clicking on the alert, playback that particular recording without the need to search.

If *Constant Recording* is enabled or preferred over motion detection, the device will constantly record when armed and stop recording when disarmed. It can also be scheduled to start and stop recording and pre-defined times. The downside to constant recording is remote playback. A constant recording is a much larger data file so locally or remotely downloading that file could 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.



WiFi remote access how does it work?

The App settings refer to *WiFi setup* and HCS will supply our customers only with a detailed instruction manual including screen shots demonstrating how most camera functions work. 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 the WiFi access function, the camera *must* be within range of a WiFi network and the authorised user must know the WiFi router password. The router is to 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 for both 2.4Ghz and 5Ghz so select 2.4Ghz. If not, then do ensure the wireless router is set to 2.4Ghz frequency.

The *Free mobile phone App* will prompt you to select your router and then ask you to enter your WiFi network password. Input that password and save. The *WiFi Smoke Detector Hidden Camera* will reboot which takes a minute or two so the next time the authorised user logs in with the App, it will be a live view access in WiFi mode. Once set the authorised user could potentially be anywhere in the world perhaps in another WiFi zone or simply logging in via the 3/4G mobile network.

The *smoke alarm spy camera* must stay in wireless WiFi range of the router and with a decent signal strength. If the camera is moved away from router range, the network will drop out.

It's important to understand that remote network login can be slow resulting in staggered viewing access or slow playback due to network speed. In remote recording playback mode, again if the network is slow, this can take time and on occasions may drop out altogether meaning logging in again.

Please note this is NOT a camera fault. It's common using remote network access but rest assured, if using a camera SD 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 to another area which has NO WiFi signal, yes that's not a problem. It's important to initially setup the camera in a WiFi zone because all *smoke detector spy camera* settings, including motion detection etc, are all App controlled.

Once the camera settings are saved and you're sure it's recording upon motion well (test it first) DO NOT 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 lose those memory settings. Of course, from that point forward if the camera is moved away from WiFi, the App will be of no further use and you won't have any further remote camera access. The camera will on the other hand record to the internal memory card upon detecting motion, so recordings can be replayed on PC after the SD card is removed.

If the camera is returned to its original password WiFi zone, remote camera access ought to be available.

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 a range of wireless routers. Other than your personal router, all others are private and can't be accessed for security reasons obviously, hence the password access.

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 doesn't mean anything to anyone who happens to see the UID.

For example, the UID would look similar to YiEye-27593t49. To any other person who just happens to see it, for all intents and purposes the UID number could belong to a neighbour's router or anyone but clicking on the UID won't do anything for an unauthorised person. The authorised user requires the correct App, username and password etc so it won't arouse suspicion not allow remote access to anyone unauthorised.

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