HIDDEN CAMERA SURVEILLANCE – THE SPY CAMERA EXPERTS TEL 1300 76 32 35



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# WIFI HD SMART SECURITY CLOCK HIDDEN CAMERA

Model Number – Smart-WF-Clk

### **Short Description**

This is our all new *WiFi Smart Clock Hidden Camera*. What looks like a nice alarm desk clock, doubles as a powerful *WiFi hidden camera* including no glow IR night vision. It functions as normal alarm clock with red LED time display but with so much more. Ideal for business, homes, watching your pets, babysitter or cleaner etc.

*Hidden Camera Surveillance WiFi Smart Clock Spy Camera* is 240V powered (no internal battery) so it simply plugs into a power point. The covert pinhole spy camera hidden within the time face, is high resolution HD 1080P with audio. This *spy clock* includes 2 x USB interfaces for charging devices such as mobile phones, but it also has an Australian 240V power output which will power other devices such as a desk lamp etc.

### Description

Pictured below is our *WiFi clock spy camera with no glow IR*. No need for a remote control because the camera functions are controlled directly through the mobile phone App. The concealed pinhole lens and audio microphone is so small it can't be detected.



Built in WiFi allows authorised users only to access this hidden camera anytime both securely and discreetly from anywhere in the world. Our free App allows for live camera viewing on your smart phone either on a 3/4G network or from any other WiFi hotspot. Watch, listen live, playback recordings or whenever motion is detected, receive a phone push alert, like a text but free.

If the *WiFi hidden spy camera* is in complete darkness, don't worry it can still see and record regardless of the lighting conditions. This *Clock Wi-Fi security camera* looks exactly like a standard alarm desk clock, however, it's also a high-quality HD1080P *motion activated security spy camera* with live streaming 24/7 video with audio plus motion triggered recording. The built-in motion sensor allows the camera to silently and secretly record whenever motion is detected which is saved to a concealed micro SD memory card up to 128GB.



Set to high resolution HD recording it will use about 24MB/ minute although record quality is selectable. Based on a 64GB SD memory card, it will consume about 1.4GB of memory per hour of recording. Therefore, a 128GB micro SD memory card can store up to 90 hours of virtually constant video recording before the card is full. Even when the *WiFi Desk Clock Spy Camera* memory card is full, it will auto "loop record" meaning overwrite the memory card commencing from the earliest recording date. If customers prefer to STOP recording when the SD card is full, it can do that too.

Desk clocks are not just common but a necessity in homes and offices, so another clock certainly won't look out of place however, it includes an array of external device powering and charging extras not usually found with other clocks and certainly not with most *desk clock hidden cameras*. So if you want to charge a mobile phone or some other 5V or 240V powered device, it will do that as well.

# **Specifications**

WiFi & P2P supported 5M IR powerful night vision Time & Alarm clock 240V mains powered Resolution: 2.0 Megapixel 1920 x 1080P WiFi Live worldwide Streaming with Audio Two way audio Motion Detection and App push alerts Loop recording Remote recording playback 15FPS Compression H.264 Lens angle 90 degrees 240V Powered (includes Australian power lead) 2 x USB Outputs 1A 1 x Australian Power Outlet 100-240V 10A Video Format: AVI Audio: Yes, in sync with video Motion Detection: Yes up to about 6 meters Memory Card Type: Micro SD memory card Class 10 or better Maximum memory capacity: Micro SD Card up to 128GB (Optional) Player Software: VLCPlayer/SMPlayer, Windows Media Player etc. Computer Operating System: Windows/Mac OS X Mobile Phone Operating System: Android/iOS Web browser: IE7 and above, Chrome, Firefox, Safari etc Product size: 17.5 x 7 x 7.3cm Weight 650g Mobile phone operation system: Android/iOS



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

There is a fundamental difference between our *WiFi desk clock spy camera* and a similar albeit cheaper *DVR spy camera*. HCS has a range of <u>DVR Spy cameras</u> as well and they do work very well and often preferred by those not so technically inclined or not too interested in the remote access.

To briefly explain, a DVR type hidden camera (say a typical clock radio) will be supplied with a mini wireless push button remote control to arm and disarm motion or constantly record. The wireless remote control enables the camera to be switched on/off and stop/start recording but not much more. *DVR Spy cameras* are not quite as advanced compared to <u>WiFi Hidden</u> <u>Cameras</u>.

To view or playback DVR spy camera recordings, its necessary to either remove the camera SD card and use a USB SD card reader or connect the camera to PC USB. Not difficult of course and preferred by many. Our *IR WiFi desk alarm clock spy camera* on the other hand supports anywhere from 16GB to 128GB micro SD memory card albeit with remote mobile phone viewing and playback. In other words it's not necessary to remove the SD card or connect to PC as such.

The memory card can be removed from the camera and replayed on PC or MAC USB but often it's not necessary. *1080P HD WiFi spy cameras* will in most cases allow the user the select recording resolution and motion recording duration etc although DVR Spy cameras in most instances won't have as many options.

Hidden Camera Surveillance *WiFi HD 1080P clock hidden camera* requires the authorised user to download a free lphone or Android App. With password protection, users may view the camera live from anywhere and/or share with other password authorised users. Users have the option to select recording quality and duration and whether to receive motion alerts etc.



# Tell me more

Our *WiFi clock hidden camera* has a range of recording options including Scheduled recording, Constant Recording or Motion Detection not to mention motion activated mobile phone push alerts.

Customers can live view the camera directly from their smart phone and listen in. In fact, it supports two way conversation if desired. Live viewing can at times be slow depending on network speed. This isn't a camera fault as the same applies to most wireless devices, including mobile phones. Network speed and camera settings will play a role in how fast or slow the live view and playback recording will be. Higher resolution uses more data so remotely processing that data can be slower than setting medium or lower resolution.

For that reason, if using an optional SD memory card, the camera will record audio and video in real time. To view the actual SD card recording in real time, it's sometimes necessary to download the video clip/s locally or remotely and save those recordings to phone or PC or playback directly from the camera memory.

An SD card isn't essential, but users can only view or record to mobile phone memory when actively live viewing in camera mode. An SD card slotted into the *WiFi clock spy camera* regardless of network connection, will still record to the internal memory card.

In other words, it's not necessary to be live viewing the camera to record. If WiFi is switched off or the camera moved to another non WiFi location, it will record as normal even with no Internet. If the *hidden clock spy camera* isn't connected to WiFi it will record as normal albeit with no remote camera access.

Other Camera App functions include.

- Scheduled recording means the camera is set to arm and record at predefined times.
- Motion detection recording mode on/off
- Constant recording mode
- Receive motion push alerts when the camera is in WiFi mode.
- Audio on/off
- Unique Username and password protection
- Take snapshots
- Adjusting image quality
- SD memory card remote playback and download
- Auto recycle recording when the SD card is full
- No Glow IR night vison
- Two way audio



# How does motion detection recording work?

The App allows the authorised user/s (remote access can be shared) to select *motion detection* on or off. If this feature is armed, each time the camera detects motion up 10m away, it will record in real time for whatever recording duration is set which could be a few seconds or minutes (your choice) including audio. This is commonly referred to as ALERT or ALARM recording. It also allows for searching recordings by calendar, time, and date or by alerts. If motion continues beyond the set recording duration, the *WiFi clock hidden spy camera* will continue to record anyway until motion ceases.

Furthermore, if desired and with the camera in WiFi mode, user/s can opt to receive mobile phone motion push alerts. By clicking on the alert, locally or remotely playback that recording without the need to search.

If Constant Recording is preferred over *motion detection recording*, this feature will constantly record when armed and stop recording when disarmed as you choose. Constant recording is a much larger data file so locally or remotely downloading that file could be slow. 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.

### Can others see this spy camera too?

It's a question often asked and rightly so. In short, the answer is no. When entering a shop, home, warehouse or office, often your phone WiFi setting will show a number of wireless

routers within immediate range. Other than your personal router, all other routers 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.

For example, the UID may look like TCAM-27593Hy49. To any other person with a mobile phone or PC, for all intents and purposes the UID number could belong to a neighbour's router but clicking on the UID won't do anything. Only App authorised users are permitted access and beyond that a password is also required. Authorised users must have the correct registered App so no need for concern.



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