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4K BASEBALL CAP WIFI SPY CAMERA

Model Number – Capwf

Short Description

In terms of a *body worn hidden spy camera*, it doesn't get much better than this! Our new 1080P to 4K adjustable resolution *Baseball Cap Camera* with WiFi and P2P mode is simply amazing. Download the free *HDLiveCam App* to your Iphone, Android or PC. View and record live video with audio in either constant real time or motion detection modes. Live view and playback recordings the *spy cam* recordings from anywhere in the world. Our new *Baseball Cap Hidden Camera* can even send remote mobile phone *push alerts* when motion is detected.

Description

Pictured below is our new *WiFi Baseball Cap Hidden Spy Camera* only available in black at this stage. The white NY emblem in effect completely disguises the built-in *pinhole colour hidden camera*. No need for a push button remote control because all camera functions are controlled directly through your mobile phone App via local P2P or remote WiFi. The authorised user can also remotely share the camera with others, all password access protected.



Specifications

WiFi & P2P both supported
Resolution: Ratio 1080P or 4K selectable
Built in lithium rechargeable battery
Operational time on one charge about 4 hours depending on remote access
Video Format: AVI
Frame: 25fps Real time
Audio: Yes in sync with video
Visual Angle: 90 degree
Motion Detection: Yes up to about 6 meters
Minimal Illumination: 1LUX (1 candlelight)
Compressed Format: H.264
Consumption: 240MA/3.7V
Operational Humidity: 15-85%RH
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
Cap Size: approx. 24 x 18.5 x 10 cm



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

The main difference between this *lightweight WiFi body worn cap spy camera* and a similar albeit cheaper *DVR cap spy camera* is the app. One cap camera requires an App to control the spy camera functions whereas the DVR version is manually activated.

HCS has both cap camera options but to briefly explain, a DVR type hidden camera (such as a baseball cap) is 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. The DVR cap camera looks identical to the *WiFi spy cap camera* and records video & audio to a concealed internal micro SD card with no remote access. In other words, the *DVR baseball cap camera* is perhaps easier to use but doesn't have all the functions of the *WiFi Cap Camera*. If remote access isn't necessarily required, then the DVR version would be the better option and it's a little cheaper too.

The *tiny hidden pinhole lens* in the *DVR cap cam* is wide 90-degrees. When wearing the cap, simply press the remote control and record what you see in front of you.

The *WiFi baseball Cap Spy Camera* on the other hand can be locally viewed live on your phone so it's easy to see what the camera is recording, press record and stop recording etc. To view or playback recordings, remove the micro SD memory card from inside the cap and replay the video & audio recordings on a PC or MAC. With the *WiFi baseball cap camera*, this can all be done directly from your phone via P2P or Internet. Both models support removing the SD card if needed.

The *WiFi body worn cap spy camera* supports anywhere from 16GB to 128GB Class 10 Micro SD card so not only is the recording capacity significantly higher than most DVR hidden cameras, but the built-in small lithium also rechargeable battery can keep the camera functional for up to 4 hours. The WiFi model can record at selectable resolutions up to 4K.

The *WiFi Baseball Cap Hidden Camera* requires the authorised user to download a free mobile phone App. Users are required to register an email account and a camera access password. The App supports both Iphone, Android and PC. Users may view the camera live from anywhere and/or share with others. Users have the option to select recording quality from 1080P or 4K resolution. HD 1080P is still very high quality but it uses recording memory at a slower rate compared to 4K. Recording at a lower resolution means faster remote access and faster download.

Tell me more

Our *WiFi Cap Spy Camera* has a range of recording options including *Scheduled recording*, *Constant Recording* or *Motion Detection recording*. It's important to understand even if motion detection recording is active and the camera is armed or switched on, it's still using battery power regardless of whether it's recording or not. In this regard, switch the camera off when not in use or not recording to preserve battery power. Live remote viewing will also have a bearing on battery capacity.

With live local P2P or WiFi mobile phone camera access, even when wearing the cap, the user can see live camera video directly to their linked smart phone. In other words, walk about indoors or out and with your phone in range of the baseball cap, watch and listen to whatever the camera can see and hear. The spy camera can record to internal SD card memory but if live viewing on local P2P mode, record directly to your phone if preferred.

If on the other hand the authorised user prefers to leave the *WiFi baseball hat hidden camera* in a room or office, if the user knows the WiFi password, it isn't necessary to be wearing the hat at all. Simply leave the cap in the WiFi zone then from anywhere in the world, login to the camera App live either from another WiFi location or anywhere with mobile phone coverage.

Depending on network upload and download speed, the video and audio can be slow, jerky or even drop out at times. This is NOT a camera fault as the same applies to all wireless devices of this nature, especially when body worn.

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**, sometimes it's necessary to download that video clip locally or remotely to PC or phone and save the recording. Save desired recordings by either means and playback is then real time.

Record audio and video to the internal micro-SD card or if preferred, record directly to your phone. 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*. With an SD card slotted into the cap, regardless of any network connection, record to internal SD card memory anytime.

Other Camera App functions include;

- Scheduled recording meaning the camera can be set to arm and record etc at predesignated times.
- Motion detection recording mode
- Constant recording mode
- Receive WiFi motion push alerts. Motion push alerts will not function in P2P 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 up, down, left or right
- Cloud storage (optional and a small fee may apply for the service)
- Switch the camera on/off
- SD memory card remote playback and download
- Auto recycle recording when SD card is full

How does motion detection work?

The App allows for the authorised user (remote camera access can be shared) 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 for 30 seconds non-stop including audio. This is commonly referred to as a ALERT recording. It also allows for the user to search recordings by calendar time and date or by Alerts. If motion continues beyond 30 seconds the *Baseball WiFi Hidden Cap Camera* will continue to record in 30 second intervals until motion ceases.

Furthermore, if desired and with the camera in WiFi mode (not P2P mode) user/s can receive mobile phone push alerts when motion is detected. By clicking on the alert, locally or remotely playback that recording without the need to search by time and date.

If *Constant Recording* is preferred over motion detection, the *spy camera* will constantly record when armed and stop recording when disarmed. This is helpful if speaking to someone directly as there are no recording gaps normally associated with motion detection. The downside to constant recording is local or 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.

The internal camera battery can be recharged from PC USB or *Hidden Camera Surveillance* will supply (no extra cost) a 5V USB Australian power supply. Please note the power supply will charge the battery and if connected to power (mini-USB lead supplied) the cap camera will function on power longer term. Not wise to leave the cap constantly connected to power but ideal for longer recording duration or motion detection if the cap is hidden somewhere.

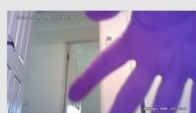
Pictured below is a cap camera smart phone screenshot depicting 2 motion detection events on 29 January 2021. By waving a hand in front of the camera, this triggered motion detection recording. As you can see each event depicts the time and date and each recording is 30 seconds duration by default. Note the option to activate audio, download the recording or select the date calendar to display other time and date motion events.



2021-01-29
2 Events



Motion Detection
2021-01-29 11:15:40
30sec



Motion Detection
2021-01-29 11:14:10
30sec



voice



download



Date

What's the difference between P2P & WiFi Modes?

This camera supports both P2P & WiFi and just to explain the basic difference, P2P (peer-to-peer) is a local transmission between a smart phone and the camera. Like Bluetooth, the camera must be within a certain range of the mobile phone. The two devices connect to one another (found in the phone WiFi settings) so users will see the camera UID or identification number in the phone WiFi settings. To access the camera, you must first download the free App. When the two devices are connected, users can view and control the camera in local P2P mode, playback recording and change settings. However, if the two devices become obscured by walls and other obstacles or say move beyond 10m or so, it may drop out or disconnect. This is referred to as P2P local access.

Therefore, when wearing the *cap hidden camera* and carrying a mobile phone, move about anywhere you choose and directly control the cap camera from your phone App. The *cap spy camera* can of course record to internal memory even if P2P or WiFi are disconnected, provided the Cap is on or armed. Users have the option to both view and record directly to their mobile phone if desired.

As mentioned, the *Baseball Cap Hidden Camera* also supports WiFi. The App settings refer to *WiFi* setup. *Hidden Camera Surveillance* will supply its customers only with a detailed instruction manual including screen shots demonstrating most camera functions. Each camera is supplied with standard instructions manual, but the *Hidden Camera Surveillance* manual is personally drafted for an easier setup experience.

To use the WiFi access function, the camera (not the user) must be within range of a WiFi network and the authorised user must know the WiFi router password. The router must be set to 2.4Ghz frequency as the 5Ghz range isn't supported yet. Often when looking at phone WiFi settings, the router may provide for both 2.4Ghz and 5Ghz so do select 2.4Ghz. If not, then do ensure the wireless router is set to 2.4Ghz frequency.

The App will ask you to select your router and then require your WiFi network password. Input the password then save. The camera will then reboot which takes a minute or two so the next time the authorised users logs into the camera, the user can be anywhere.

The spy camera must remain in range of the wireless router. If the camera is moved away from router range, the network will drop out. Assuming the camera remains in wireless range of the router, the user can access the camera live from anywhere in the world.

Login to the camera App from either another WiFi network or via a cellular 3/4G mobile network. It's important to understand that *remote login* is not as fast compared to P2P so live viewing and audio can be staggered and will be affected according to network speed.

Apart from me can anyone else see the 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 WiFi settings will depict several wireless routers within 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 but rather a simple series of letters and numbers which is of no use to anyone but you.

For example, the UID would look similar to CARE-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 but clicking on the UID won't do anything for those unauthorised. The authorised user requires the correct App, must be registered to use that App and use a password. In this regard the UID will not arouse any suspicion.

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