

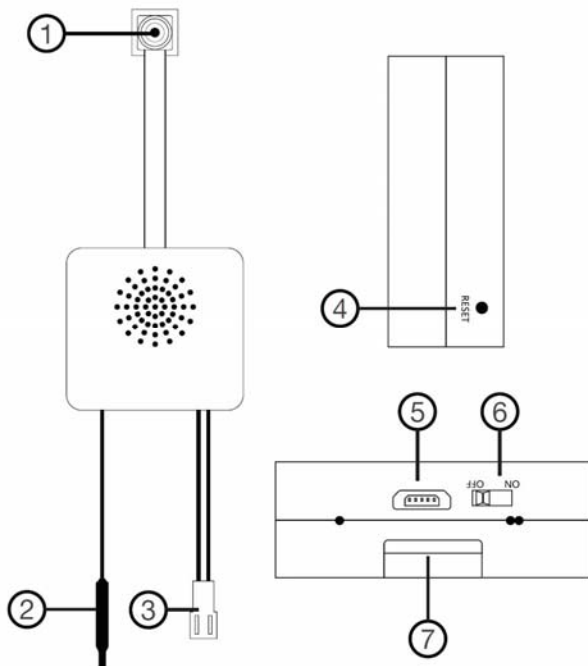
# DK-CS4-HDS

## WiFi concealment camera and video recorder



### Product description

DK-CS4-HDS is a video recorder equipped with an integrated camera supplied on board in order to facilitate insertion into objects. The card is protected by a plastic container which makes it sturdy and easy to handle.



1. Target
2. Wifi antenna
3. Battery connector
4. RESET button
5. USB socket for PC or USB charger
6. Ignition switch
7. MicroSD card slot

### Battery connection

The camera can operate on its own battery power only. Different battery options are available with different ranges. The standard battery, 1.5Ah, allows about 4 hours of autonomy.

To use the device, connect the battery to the red plug.

### Mains power supply

The DVR is also able to operate on mains power with a 220V / USB power supply such as RE-AL4USB or a USB car adapter.

In this case, the USB cable is kept connected even during operation. You can either leave the battery connected as a backup or remove it.

### Movie storage

The video files are stored on a micro SD card (not supplied). The movies have Full HD 1920x1080 resolution at 25 f / sec. And they are saved in MP4 format with H264 compression

It is possible to use micro SD cards of any brand up to 128 GB of capacity.

1 hour of recording occupies an average of 190MB so on a 32 GB SD card you can store over 160 hours of recording. Obviously it is advisable to use motion detection recording, where possible, in order to record only meaningful images and not unnecessarily occupy memory when no action takes place in front of the lens.

Once the memory has run out, the DVR will automatically overwrite the oldest files if programmed in this way in the configuration.

The duration of the individual files is also programmable in the configuration.

### Inserting the micro SD card

The first thing to do, if you want to make recordings, is to insert the micro SD card in the appropriate slot in the DVR (6)

It is possible to use micro SD cards with capacities up to 128 GB in CLASS 10 or higher.

A class 10 SD card has a write speed of 10 MB / s. Do not use SD cards with lower speeds as they will lead to malfunctions.

Pay attention to the direction of insertion of the SD card which will slide into its seat only with the gold contacts facing the USB socket.

No micro SD card is included in the package.

### Charging the battery

Before using the device, it is advisable to fully charge the battery. To do this, connect the USB port of the DVR to the computer or to a USB charger with the supplied cable.

It is also possible to recharge the battery by connecting the DVR to a USB mains power supply such as RE-AL4USB (to be purchased separately).

The autonomous battery charger is also available as an optional accessory, which allows you to recharge the battery without being connected to the DVR.

Full charging takes several hours depending on the battery type and initial charge state. It is recommended that you comfortably let the charging complete overnight. Next to the USB socket there is a red LED that turns on during charging and turns off when charging is complete.

### Assembly

DK-CS4-HDS is a concealment DVR. It is designed to be positioned behind a masking surface in which a shooting hole of at least 1 mm is made. in diameter.

Once the equipment is prepared, place the DVR behind the masking surface. It is possible to hide the DVR in any container, such as a pack of cigarettes, an ornament etc.

Here is an example of assembly, performed using the DK-CSM magnetic accessory (not included)



The flat cable lens must be handled with care as damage to the flat cable during use is not covered by warranty. It is advisable not to hide the camera inside metal objects because the wifi would be shielded and useless.

### Turn on the device

DK-CS4-HDS is equipped with a power switch located next to the USB (6). When turned on, the DVR does not emit any visible signal except two internal LEDs. You need to act on a smartphone and tablet with the HDSmartIPC app to use it.

### Download HDSmartIPC and setup

DK-CS4-HDS has been developed to be remotely controlled via wifi with a mobile phone or tablet.

It is not necessary to have a wifi network to use DK-CS4-HDS as the device is factory supplied in ACCESS POINT mode and it generates a wifi network itself to which you can connect with Android / iOS portable devices.

First you need to download the HDSmartIPC application from Google Play or Apple Store, available for free for Android and iOS.

To use the program see the specific manual.

Once logged in with the app, you can intervene in the configuration and connect the DVR to your wifi network.

All these operations are explained in the HDSmartIPC application manual that you can download from the site.

### Reset the DVR

If necessary, a RESET can be carried out by pressing the reset button for 10 seconds with a deformed paperweight clip or other thin object. After rebooting the DVR will return to the factory Access Point mode.

### Movie playback on PC

A computer and SD card reader (included) is required to review and manage the files recorded by the DVR.

You have to turn off the DVR with the ON / OFF switch. remove the micro SD card and insert it into a computer SD card reader.

It is possible to copy the videos to the PC and play them with any video player (VLC - VideoLan recommended).



ATTENTION: It is not possible to download files via the USB cable of the DVR because this is used only for recharging / powering the device.

### Main technical features

Sensor	CMOS
Maximum resolution	FullHD 1080p (1920x1080)
Frame rate	30 f / sec
Video format	MP4 (H264 compression)
Photo format	JPG
Overlay	Date time (not excludable)
Functions	Continuous recording Motion recording Timer recording Live viewing only
WiFi control	Range 10 m.
Audio microphone	Incorporated
Video storage	About 640 hours on 128GB at 1080P
Operating temperature	-5 ° + 40 ° C
Memory	MicroSD Class 10 or higher
Memory capacity	4..128 GB