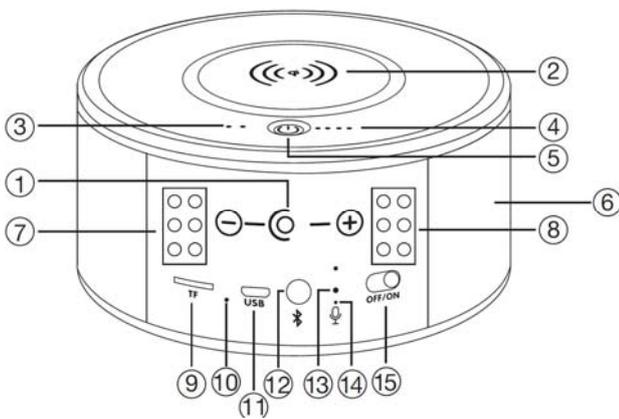# DK-AL4-HDS
Camera with WiFi DVR

Product description

DK-AL4-HDS is a video recorder equipped with an integrated camera hidden in an elegant mobile phone charger base and table top bluetooth speaker.

1. Target
2. Cellular recharge area
3. Cell phone charging indicators
4. Battery indicators
5. Cell phone charge power button
6. Speaker
7. Invisible IR illuminator
8. Invisible IR illuminator
9. MicroSD card slot
10. Speaker indicator
11. USB port
12. Bluetooth on / off switch
13. Reset button
14. Camera indicator
15. Camera on / off switch

Use as a wireless cell charger

DK-AL4-HDS is an investigative camera but it is also a true wireless charger that works perfectly for your mobile phone so as not to arouse any suspicion.
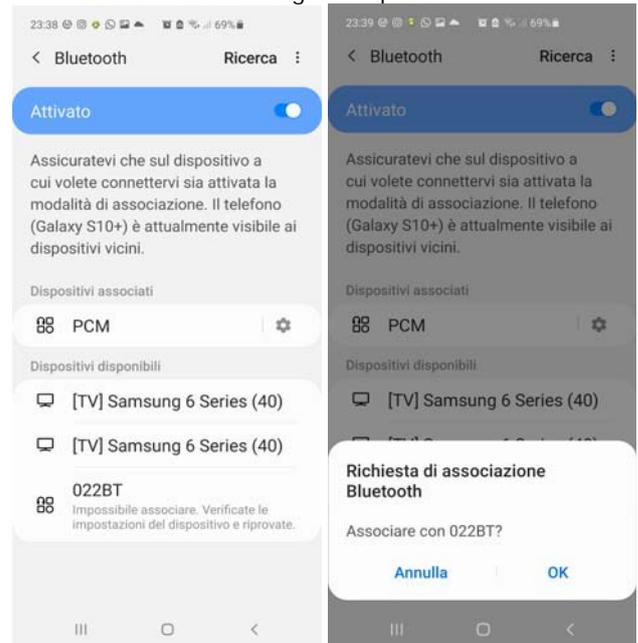To use the charger, your mobile phone must support wireless charging. Proceed as follows:
1. Recharge the internal battery well
2. Press the button (5) to activate the charging function. The blue LED lights up (4)
3. Place the phone on the base to recharge
4. The green LED (3) lights up for charging in progress
5. Press the button (5) twice to turn off the charger (does not work with external power supply connected)

Use as a bluetooth speaker

DK-AL4-HDS is an investigative camera but it is also a true bluetooth speaker perfectly working for your mobile so as not to arouse any suspicion.
To use the speaker proceed as follows:
1. Briefly press button 12
2. The speaker turns on and Ding Dong is heard
3. In your smartphone go to bluetooth, search for the 022BT signal and connect
4. Now you can play a piece of music on your phone and hear it through the speaker

Supply

The camera is able to operate with the power supply of its own internal 4.5Ah battery which allows 13 hours of autonomy. The battery is recharged by connecting a USB power supply for 10/12 hours.
The DVR can also operate on mains power with a 220V / USB power supply such as RE-AL4USB.
In this case, the USB cable is kept connected even during operation. The LED (3) lights up red during charging

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 420MB so on a 128GB SD card you can store over 300 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

USER'S MANUAL   DK-AL4-HDS Camera with hidden video recorder

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 (9)

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 insertion direction of the SD card which will slide into its seat only with the gold contacts facing upwards.

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.

Full charging takes approximately 12 hours depending on the 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.

Turn on the device

DK-AL4-HDS is equipped with a power switch located next to the USB (4). When turned on the DVR does not emit any visible signal except a red LED. It is necessary to act on a smartphone and a tablet with the HDSmartIPC app to use it.

Download HDSmartIPC and setup

DK-AL4-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-AL4-HDS as the device is factory supplied in ACCCESS POINT mode and 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.

IR illumination

DK-AL4-HDS is equipped with invisible infrared illuminators with a range of about 10 meters. They turn on and off via the app.

Two-way audio

DK-AL4-HDS is equipped with a microphone for ambient listening and a loudspeaker to speak and be heard in the room.

Reset the DVR

If necessary, a RESET can be carried out by pressing the reset button for 10 seconds with a deformed paper 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 the files through 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
Audio speaker	Incorporated
IR illuminator	Invisible 10 m.
Video storage	About 300 hours on 128GB at 1080P
Operating temperature	-5 ° + 40 ° C
Memory	MicroSD Class 10 or higher
Memory capacity	4..128 GB