

# DK-HT1

## Camera with battery camouflage VCR



### Product description

DK-HT1 is a camera with a video recorder on an SD card in a watertight container and mimetic developed for outdoor surveillance. It includes a microphone for recording sound.

And it powered by AA batteries and SD card recording to internal memory.

Thanks to its infrared sensor, the camera remains in stand-by for a long time by consuming very little battery and starts recording only in the presence of movements.

The camera has an infrared illuminator with invisible LED that allows viewing in the dark up to about 20 meters.

### Inserting the batteries

DK-HT1 works with normal AA batteries, both normal and rechargeable. They can put 4 or 8 depending on the autonomy that is required. With 8 batteries

there cameras has a range of about six months stand-by. in



### Insert the SD Card

The first thing to do is insert the SD card into slot of DVR. To access the SD card compartment is necessary to open the front cover.



Attention to the sense of inclusion the SD card that will slide in its seat only with the gold contacts facing downwards, as shown in the figure.

The package does not include an SD card, or the SD card reader for your computer that you must purchase separately.

E can use any SD card (or adapter) Micro SD card with a capacity of 4 to 128 GB CLASS 10 or higher. An SD card class 10 has a 10 MB / s write speed. Do not use the SD card with a lower rate because it could lead to malfunction.

### registration

The camera records audio and video in VGA resolution adjustable, 720P or 1080P. You can use any SD card (or micro SD card with adapter) with a maximum capacity of 128GB. One minute of footage in Full HD 1080 takes up about 100MB. A 32GB SD card can hold more than 5 hours of video, a 128GB over 20 hours. The camera also records audio.



### Motion detection with infrared sensor PIR

The camera records in motion detection, namely registers only in the presence of living beings in front of it. The word living beings, is not accidental because this camera does not use, like most of our other systems, changing pixels to detect the intruder but an infrared sensor such as those used in alarm systems. This does not detect the movement of objects such as bushes or branches and consuming very little on standby can wait for months intrusion. The apparatus

records file Video of the length programmable from 10 seconds to 5 minutes.

### Configuration

The camera is controlled with the keyboard and internal monitor.



First, to start the device and configure its options, you must move the main switch in the TEST position, in this way the equipment is started.

To cronies-screen setup menu press MENU.

MODE - In this item you can select the mode of operation: PHOTOS, VIDEO, PHOTOS AND VIDEO, TIMELAPSE In the photo mode, the camera in case of intrusion snaps of frames in video mode records movies and photo / video mode does both . In timelapse mode, the camera takes a single frame at regular time intervals. To change this parameter, without entering the menu, you can also press the MODE button. PIR DELAY TIME - You can set the delay to the detection of the motion sensor PIR from 2 seconds to 30 minutes. If you want to detect any movement it is advisable to keep the value to the minimum. If you want to register only in case of large movements or of a certain permanence then you can raise the delay threshold.

PIR SENSITIVITY - You can set the sensitivity of the detection sensor Low, Medium, High.

PHOTO SERIES - Sets the number of successive pictures that the camera records in case of intrusion (1,2,3) VIDEO LENGTH - E can set how long should last recording after a survey (from 10 sec to 5 minutes)

VIDEO SIZE - Here you set the resolution of 720P video movies (1280x720) 1080P (1920x1080) VGA (640x480). The default resolution is 1080P. PHOTO SIZE - Here you set the photo resolution of 5 to 16 MP

**PHOTO STAMP** - it can choose whether or not to superimpose the date and time in the photographs (it is always present in the video)

**LANGUAGE** - Select the language of the DATE / TIME menu - Set Date and Time

**TIMELAPSE INTERVAL** - If you use the clicks continuous images at regular intervals timelapse camera in the camera mode. Here you can set the frame rate of every 15 seconds every 3 minutes.

**MONITORING PERIOD** - E 'can activate the detection only in a daily time band (for example, from 8 to 12 every day)

**SERIAL N** - Enable superimpose serial number of equipment

**PASSWORD** - Enables a password access equipment

**VERSION** - The version of the product **RESET** - Restores factory settings

### Start of detection

Once set the mode of operation you want, you start the surveillance by moving the selector to the **ON**.

The unit will start a countdown from 1 to 5 to show that is starting surveillance. At this point it is possible to close the camera and locate it.

### Placement

The camera is enclosed in a sealed container that may be exposed to rain. The container has a camouflage design to make it discoverable makes little vegetation.

On the back there are 2 loops to be able to dock with ease.

The infrared illuminator that allows the night vision does not emit any visible light to the human eye. When positioning the camera must consider that spend 1-2 seconds between the sensor detection and the start of recording for which we need to resume an area in which the subject not remain for too short a time.

### Viewing files on PC

To review and manage files recorded by the DVR you can use a PC and a reader for SD card (not supplied). We must shut down the DVR, remove the SD card and insert it into an SD card reader to the computer.

The device is detected in the computer's resources as a removable disk and behaves like a common USB stick. Depending on your operating system you may start an automatic procedure, or you'll have to explore your PC to find the new disc.

And 'possible to copy movies on your PC and play them back with any video player (recommended VLC - VideoLAN).



E 'can play video files directly from the SD card, without copying them to your PC, but may affect the quality of play so it is recommended only to preview, then download.

### Viewing Files on the DVR monitor

To review and manage the recorded files can also use the on-board monitor of the device by pressing the **PLAYBACK** button.

### Main technical features

Sensor	CMOS
maximum resolution	Adjustable Full HD 1080p (1920x1080) 30 f / s HD 720p (1280x720) 30 f / s VGA (640x480) 30 f / s
video Format	AVI
photo Size	JPG
overlay	Time Date (excludable for photos)
Functions	Recording motion pictures Motion Capture + Photo Timelapse
IR Illuminator	38 LED 940 nm range 20 m.
motion detector	Passive infrared, range 20 m. Detection area 120 °
Detection Delay	Adjustable from 2 sec to 30 min.
video Archiving	About 20 hours on 128 GB to 1080P
operating temperature	- 30 ° + 70 ° C
Memory	SD Class 10 or higher
Memory Capacity	4..128 GB
Monitor	Built 2 "TFT
Supply	4 or 8 AA batteries or external power supply 6VDC
Weight	270g
dimensions	150x110x75 mm