DK-PIR1-TUY
WiFi DVR Camera

IR
940nm

Product Description

DK-PIR1-TUY is a video recorder with a built-in camera hidden in a fake burglar alarm sensor. The camera also has an infrared illuminator for viewing in the dark.

SD card slot, reset button and power

If you look carefully at the product you will easily locate 3 details that will be useful in the following operations:

1 –THE POWER SOCKET
There is a DC socket in the camera cable, to connect a 12VDC power supply (not included)
2 - THE RESET BUTTON
There is also a reset button in the camera cable that is used to restore the factory settings, for example if you need to connect the camera to a new wifi network. Press and hold the reset button for a few seconds to restore the factory settings.

3 - THE SD CARD SLOT
To record you need to insert an SD card (not included) into the camera. The slot is inside the sensor, so you need to open the case to insert the SD card. To open the case, remove the two rear screws and then open the case, pressing with your fingertips, above or below the sensor in order to separate the two plastic shells that compose it.

Inserting the micro SD card

The first thing to do, if you want to make recordings, is to insert a micro SD card into the appropriate slot. You need to open the container, as illustrated above, then push the card into the slot, without forcing, until you hear the locking sound. It may be useful to push with your nail to insert the SD card all the way to the end of the stroke.

To remove the SD card, push the card in gently until you feel it release, then remove it, possibly with the help of a pair of tweezers.

It is possible to use micro SD cards with capacity up to**128 GB in CLASS 10**or higher. No micro SD card is included in the package.

Normally, you do not need to format the microSD card before inserting it into the device. The device detects it automatically and, once the camera is loaded into the Smartlife app, you will find the memory management in the settings. If you do not find the memory management in the settings in the app, it means that the SD card is not detected during use. You can try to format it beforehand with a computer in FAT32. If it is still not detected, you must replace it with a new one.

Power supply

The camera is designed to operate on mains power, with a 12VDC power supply (not included) that remains connected at all times. This way the camera offers continuous surveillance.

Assembly

This camera is designed to be fixed to the wall, simulating an anti-theft sensor. The articulated bracket allows you to orient the camera towards the area to be monitored.

Storing videos

Video files are stored on a micro SD card (not supplied). The videos have a factory resolution of 4MP 2560x1440 at 20 f/sec. It is possible to change the resolution and frame rate by accessing the camera with the browser as explained below.

You can use micro SD cards of any brand up to 128 GB in capacity.

Once the memory space is full, the DVR automatically overwrites the oldest files.
1 hour of recording takes up an average of 250MB so you can fit over 500 hours of continuous recording on a 128GB SD card.

It is advisable to use event-based recording where possible, so as to only record significant images and not waste memory space when there is no action taking place in front of the lens.

Please note that the Tuya system does not allow you to browse the files stored in the SD card in readable format. You can play the video files and download them in MP4 format via the Smartlife app.

WiFi

This camera must connect to a wifi network to be used. When choosing the installation location, check with your mobile phone that the wifi signal of your network arrives with excellent strength, otherwise you will not have good video streaming on the app. This camera supports 2.4GHz wifi networks, it does not support 5GHz wifi. The wifi network is essential for the configuration of the device. Subsequently, if the wifi network is missing, the device will continue to record normally, but will return manageable from the app only when the network is restored.

Audio

This camera is equipped with a microphone for ambient listening and a speaker for two-way dialogue.

Ignition *of the* **device** **And mode coupling**

CE

This camera does not have a power switch and will turn on immediately by connecting the power supply. Pay attention to the sounds that the device emits. After about a minute from turning it on you will hear it emit**a short beep that repeats periodically a few times**. This indicates that the device is waiting for configuration, to be added to the Smartlife app and connected to wifi. This is the time to add the device to the Smartlife app following the specific manual of the app that contains the instructions on how to proceed.

If the camera does not beep after a couple of minutes of starting, it means that it is not in setup mode and cannot be added to the app. Then perform a reset with the reset button to restore the factory settings.

Download Smartlife and configure the device
This camera has been developed to be controlled remotely via wifi with a mobile phone or tablet. First you need to download the application from Google Play or Apple Store**SmartLife or Tuya Smart**, available for free for Android and iOS.

For using the program see thespecific manual . Please note that this product supports the**QR code configuration, which involves showing the QR code that appears in the app to the camera.**

DVR Reset by Button
If necessary, you can perform a RESET by powering the device and holding down the reset button for a few seconds.

It is necessary to reset if you need to connect to a new wifi network. If you reset it is also a good idea to delete the device in the smartlife app so that you can add the device again.

DVR Reset from App
If the camera is connected to the Internet and you want to reset it, for example to change Wi-Fi network, you can also reset it directly from the app, deleting the device from the Smartlife application.

Once you confirm the deletion from the app, the camera will beep and go back to wifi setup standby mode. You can then add the device again in the app, connecting it to the new wifi.

Continue in the Smartlife app manual
Now that you know all the hardware aspects of the camera you purchased, you can learn how to connect the camera to wifi and how to use it in the SMARTLIFE APP MANUAL for our investigative devices.
Download the app manual in the DOWNLOAD section of our website.

ADVANCED FUNCTIONS
This camera has some features that are not normally available in Tuya devices. **ONVIF SUPPORT**–With the smartlife app you can enable the Onvif protocol, in the camera settings and connect the camera to our NVR. To connect the camera to the NVR you use port 80, user name: admin and the access password that you set in the app, when you enable the onvif protocol.

BROWSER CONTROL–If you enable the Onvif protocol, the app shows you the network IP address that the camera has taken on your network. You can type this IP address in the address bar of your browser to connect from a computer on the network. The login credentials are those set for the onvif protocol. With the browser you can see

the video and set all the camera parameters, such as the video streaming resolution.
RTSP–If you enable the onvif protocol you can also access the camera with an RTSP client, such as VLC.
The strings are as follows: main stream rtsp://IP:554/stream1 sub stream rtsp://IP:554/stream2
Also in this case the access credentials are those of the onvif protocol.