

Tiny Black Box Camera



HD

Package Contents

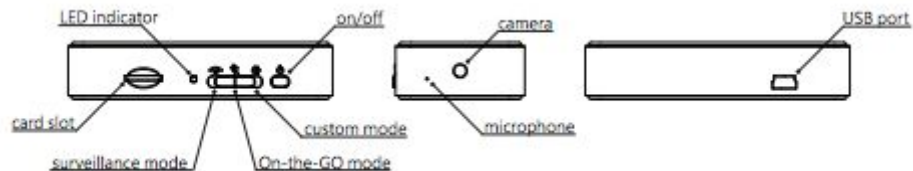
Inside the box there should be:

1x [Tiny Black Box Spy Camera System](#)

1x5V DC Adapter

1xUSB 2.0 Cable

Operational Diagram



Charging the unit

The [Tiny Black Box Spy Camera System](#) comes with an internal rechargeable battery. You can charge the unit by plugging it into a PC or a 5v USB mains adapter with the cable provided. The unit will take approximately 6 hours to fully charge.

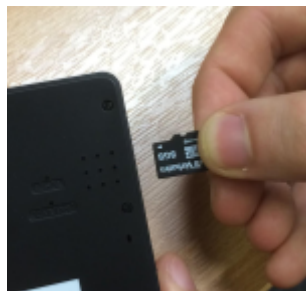
Charging the device using the 5v mains adapter

If the device is plugged into mains with a 5V adapter, it will still be able to record and take charge at the same time. The unit will charge faster this way

Charging the device using USB cable

If the device is plugged into a PC, it will not be able to record but you will be able to access the recordings on the SD card.

Inserting/Removing the SD card



If you are using a Micro SD card which is over 32GB you will have to format the card to FAT32 first before it works.

If you are using a **Windows** computer you will have to use this program here:

<https://goo.gl/4JOHCI>

Simply open the program and change the Drive location to the SD Card that you want to format. If you are having difficulty finding which one is the drive for the SD card then open a new File Explorer folder and click on "This PC" or "Computer". This will show you all of the hard drives that are plugged into the computer and will say which drive it is e.g (F:). Once you know which drive you need to format simply click back onto the FAT32 Format program, choose the drive and click on Start and follow the prompts.

If you are using a **Mac** computer you can format the device on the computer. First search for a program called "Disk Utility". Once the program is open simply choose the drive from the left hand side so it appears, then click on erase at the top, change the format to MS-DOS (FAT) and click on erase.

The Micro SD card should be inserted as shown in the picture above. To insert the SD card, push it into the port (on the right side of the device) until it clicks. To remove the SD card, push the SD card in the port until it clicks outward.

Please see a video showing how this is done.



Mode Switch

You can use the mode switch on the side of the device to switch between **'surveillance'** (Indicated by an eye), **'on the go'** (Indicated by a runner) and **'Custom'** (Indicated by an Cog). Surveillance and on-the-go have unchangeable pre settings. Here are the settings for each mode:

Surveillance Mode

Video Quality	High
Resolution	1280x720
Frame Rate	High
Indoor Lighting Condition	50Hz
Day / Night Mode	Day mode
Orientation	Normal
<u>Time Stamp</u>	Enable
Circular Recording	Disable
Split File Time (min)	15
Mic Enable	Enable
LED On / Off	On
Voice-Trigger Sensitivity***	Disable
Vibration-Trigger Sensitivity	Disable
Vibration Standby Mode	N/A
Motion-Trigger Sensitivity	Disable
Auto On / Off	Disable

On-The-Go-Mode

Video Quality	High
Resolution	640x360
Frame Rate	High
Indoor Lighting Condition	50Hz
Day / Night Mode	Day mode
Orientation	Normal
<u>Time Stamp</u>	Enable
Circular Recording	Enable
Split File Time (min)	20
Mic Enable	Enable
LED On / Off	On
Voice-Trigger Sensitivity***	Disable
Vibration-Trigger Sensitivity	Disable
Vibration Standby Mode	N/A
Motion-Trigger Sensitivity	Disable
Auto On / Off	Disable

Recording

Once the unit has been charged, **press and hold the power button** (Located on the right side of the device) **for 2 seconds**. The **green** LED light on the right side of the unit should start flashing to indicate that the unit is recording. The device records according to which mode it is in. Please see the Mode Switch section above for the parameters of the 'surveillance mode' and the 'on-the-go' mode. To stop recording, press and hold the power button until the indicator light turns **yellow**. The **green** light should stop flashing to indicate that the unit has stopped recording.

Device Setup

You can change the custom settings by downloading and using [this software](#) for windows PC or Mac Once the software has been installed, connect the device to your computer.

Setting up the time/date stamp



When the software is open and the device is connected, you should be able to see this Window above. Please select 'Sync Date Time to DVR' (Highlighted in the pink box above). This will set the device's time and date stamp to the Computer's time/date stamp.

Programing the Custom Mode

Express

Click on the '**settings**' tab on the left side of the window. This should populate a list of modes that you can use to program the device. Each mode has its own description next to it.

Once you've selected a mode from the list, select '**sync settings to DVR**'.

Custom Mode

To access the custom mode, please select the '**options**' tab on the left. Select '**custom mode**' from the second combo box down. Then Click on the '**Save Option**' button. Click on the '**settings**' tab on the left side.

Below is a table of options you can use to program the device.

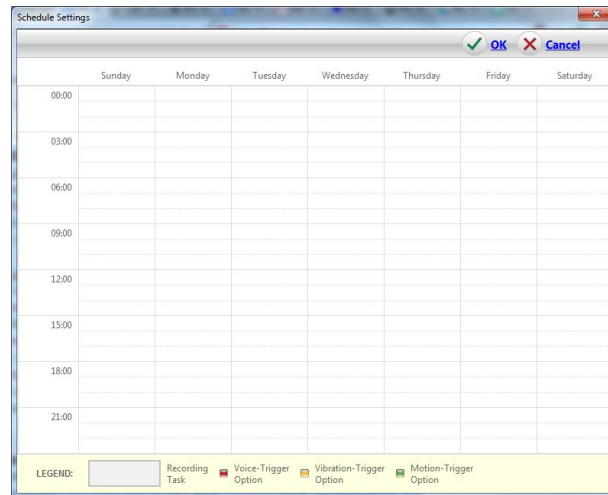
Setting Name	Option Available	Definition
Video Quality	High / Medium / Low	Recording quality of the footage
Resolution	1280x720 / 640x360	Resolution on the footage. Higher resolution equals better quality footage but a bigger file size
Frame Rate	High / Low	How many Frames are recorded a second.Higher Frame Rate equals better quality footage but a bigger file size
Indoor Lighting Condition	50Hz / 60Hz / Outdoor	Choose depending on the lighting conditions
Day / Night Mode	Day mode / Night mode / Auto switching	Will alter the light sensitivity of the camera depending on which mode you pick. Auto switching consumes more power.
Orientation	Normal / Up-side-down	Flip
Timestamp	Enable / Disable	Whether you want a Timestamp on the recordings
Circular Recording	Enable / Disable	Choosing Enable Overwrites the oldest recorded files with the newest. Choosing Disable will stop the device recording when the SD card gets full.
Split File Time (min)	10 / 15 / 20	How long you want each video file to record for

Mic Enable	Enable / Disable	Choose whether you want audio with the recordings. Having Audio will make the file size bigger
LED On / Off	On / Off	Whether you want the blinking LED on when the unit is recording.
Voice-Trigger Sensitivity***	High / Medium / Low / Disable	How much noise has to be made before the device starts recording
Vibration-Trigger Sensitivity***	High / Medium / Low / Disable	How much vibration has to be detected before the device starts recording
Vibration Standby Mode	Fast Wake Up / Power Saving	-
Motion-Trigger Sensitivity***	High /Medium/ Low / Disable	How much motion has to be detected before the device starts recording
Auto On / Off	Car-activate Recording /Car-stop Recording /Car-activate and Car-stop Recording / Schedule Recording / Disable	Car-activate Recording- When power goes to the unit, it'll start recording Car-stop Recording- When power stops going to the unit, it'll start recording. Car-activate and Car-stop Recording- Unit starts recording when the unit receives power/ stops receiving power. Schedule Recording- you define at what time the unit starts recording

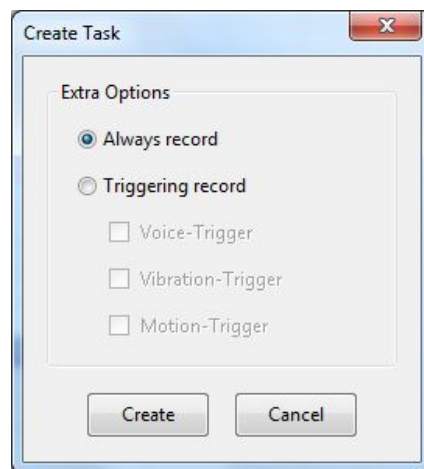
Once you've set the unit, select '**sync settings to DVR**'.

Scheduled Mode

You can schedule the device to go into certain modes at certain times. To do this, simply click edit on the scheduled recording option (In either express or Custom mode). Once this has been selected, the window below should appear.



Select a time slot in the week, and the window below will open:



If you want the unit to continuously record for the time period selected, select **'Always record'**. If you want the unit to record when it hears audio, detects vibration or sees movements, select triggering record and select the corresponding option.

Once you have done, click **create**, then in the week view calendar select **'ok'** then the select **save settings to DVR'** to apply the settings to the unit.

LED Status

Without DC adapter

Green LED on: camcorder is booted up

Green LED flashing: normal recording

Green / Red LED intermittent flashing: battery low and recording

Red LED on: no card, card fail, battery low or card full (not in circular recording)

DC adapter plugged in

Orange LED on: charging but no recording

Green LED on: charging complete but no recording

Green LED flashing: charging complete and recording

Green / Orange LED intermittent flashing: charging and recording

Red LED on: no card, card fail or card full (not in circular recording)

Connected to computer

Orange LED on: charging

Green LED on: charging complete

If you need any further support with the item, please email us at:

Support@spyequipmentuk.co.uk