

(DIGITAL Wireless Camera System)

USER GUIDE



Wireless Digital Camera Kit

- Built-in Night Vision
- High Resolution Colour
- Wide Angle Lens Provided
- Easy Plug & Play
- Full 2 Year UK Warranty Included

Introduction

Congratulations on obtaining one of our wildlife camera kits – we hope it will bring you many hours of enjoyment, relaxation, discover and learn more about your garden wildlife. Please read this setup guide and instructions to get the best out of your new wildlife camera.

We strongly recommend setting up the kit within the same room to get familiar with the equipment, and to make any necessary adjustments - before a permanent fixture is made.

Warranty

This product comes with a minimum 2 year UK warranty unless otherwise specified by the retailer. Should the product fail within this time, a replacement will be issued free of charge upon return of the faulty unit with the proof of purchase. Please also refer to the seller's warranty policy if there are any additional terms.

Misused units or units which have been tampered with/modified may be declined. This includes permanently deforming the product e.g cutting cables, or opening the unit through body screws. Please contact us or your distributor directly for any warranty or outside support.

Warnings

- The power supply units are not weatherproof and should only be plugged into an indoor outlet.
- The camera is not waterproof and needs to be sheltered (i.e. enclosed within a nest box).
- Ensure cables are routed so these do not present a tripping hazard.
- The kit contains small parts and presents a potential choking material, so keep out of reach of young children unless under supervision.
- Avoid dropping or shocks, as this can damage the electronics.
- Children should be supervised if using any element of this kit system.
- Ensure the correct power supply units and battery packs are used with this product.
- As with all electrical devices, ensure the mains power is fused through circuit breaker/s and an RCD.
- Do not use the equipment if damaged or tampered with.
- Camera and cable plugs are not water proof. Ensure they are fitted within a nest box, or an electrical junction box.



Camera Features, Connections & Accessories

Check List

- ✔ Check and decide where the power cable will route.
- ✔ We recommend running a power extension cable away from the nesting site to the bottom of the tree or local shed etc.
- ✔ Do ensure the camera is sheltered from the rain if not used in one of our nest boxes, if the camera is not weather/waterproof.

Night Vision

The camera's night vision feature is invisible to naked eye and does not interfere with the nesting. When light levels are low, the camera will produce black and white video output. To increase the lighting level within the nest box, using the side wall windows from frosted acrylic material is recommended.

If the model has a built in microphone, audio will be produced through the white RCA plug.

Camera Tips:

Lens Focus

Simply remove the screw next to the lens if there is one present. Rotate the lens either CW or CCW to focus the camera.

Tilting the Camera

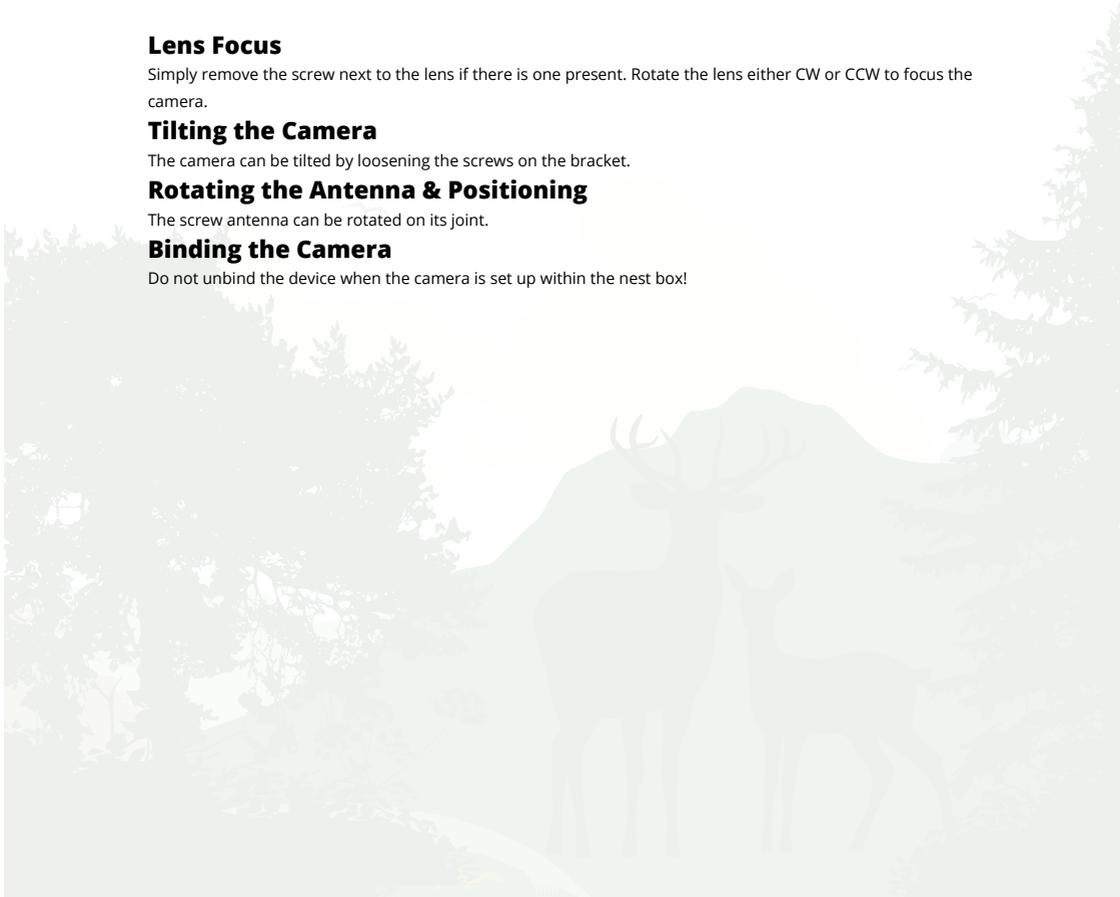
The camera can be tilted by loosening the screws on the bracket.

Rotating the Antenna & Positioning

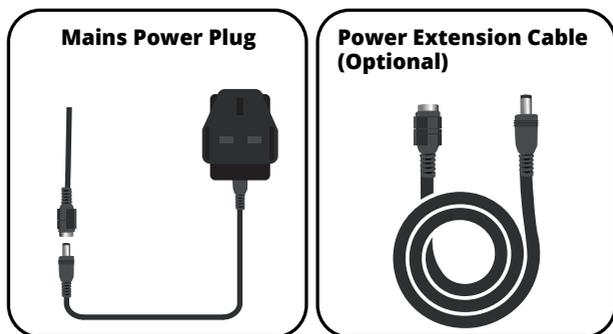
The screw antenna can be rotated on its joint.

Binding the Camera

Do not unbind the device when the camera is set up within the nest box!



Camera Accessories



Powering Your WiFi Camera

As with all our small nest box cameras, it is not possible to accommodate a battery within the camera. Changing the battery would result in the disturbance of a bird's nest, and a power extension cable is normally recommended.

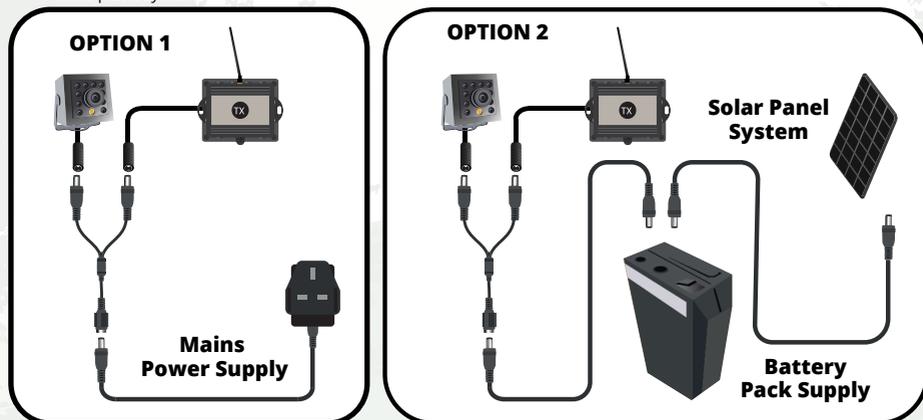
An example of where extensions may not be required - installing the camera on a shed wall and running a cable through to the other end.

Please note: This camera system will still need to have an external power supply. There is no wireless power involved!

To power up the camera, plug in the power lead attached to the camera to the power supply unit, and then to mains. Allow 30 seconds for the camera to boot. A power extension cable can further be used to connect the power plug and the camera itself. If there is a nearby mains power source such as within a local shed/garage this would be ideal.

Alternative Power Options - Battery Pack / Solar Panel

You can supply power from a 12V output rechargeable battery power pack which is available separately directly to the camera or to an extension cable. These do vary in sizes and will offer different usage hours. Solar panel systems with timers are also available.



Tip: Let the cable run from bottom to top of the camera to prevent rain water from trailing on the cable and onto the camera.

Tip: Cable tie the cables, or place within conduit to prevent squirrels from chewing!

Product 1



Connecting the TX unit



This system provides wireless transmission of analogue video over short distances using the 2.4Ghz frequency. Using the standard antennas supplied they work up to a maximum of 200m line of sight.

The transmitter/receiver needs powering with a suitable regulated 12V DC power supply. Both the TX and RX need powering individually. When they are powered up a red power light will come on.

Optional antennas are available to increase transmission range.

PLEASE NOTE: Only 1 receiver can receive video from one transmitter, ensuring private secure connections. When both the TX & RX are powered up and within transmission range of each other the green light will illuminate on them to indicate they are connected.

Connecting the RX unit

- 1 - To pair the Devices connect 12V DC Power to both Tx and Rx.
- 2 - Press the RESET button down on the RECEIVER for 3 seconds.
- 3 - The Link LED will start to flash.
- 4 - A countdown will start for 30 seconds, then press and hold the RESET button on the TRANSMITTER until the link LED starts flashing.
- 5 - Once pairing is complete both Link LEDs will display solid Green. If a monitor is connected to the RECEIVER it will display a signal strength bar at the top left hand corner of the display
- 6 - When working you should have a green and red light on both the TX and RX. You should get the same video signal out of the receiver as you put in the transmitter.

Please note: The digital TX and RX are not water proof, and need to be sheltered within a nest box, local shed, or an electrical junction box.

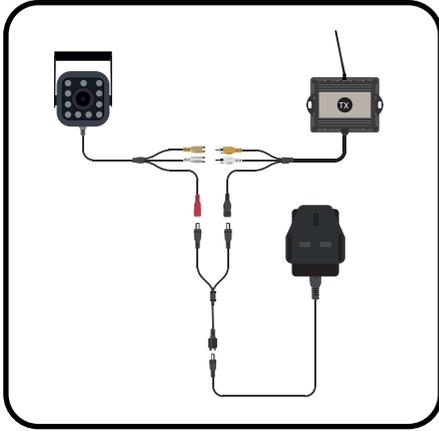
Troubleshooting

Once the transmitter/receiver are set up, you should be able to see a red and green light on both of them. If experiencing any issue, please see the following chart for possible solutions.

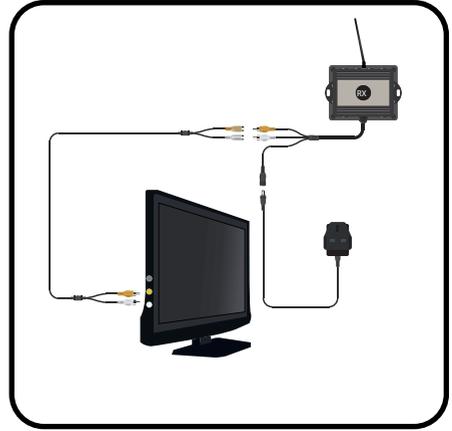
Problem	Possible Solutions
Red Light not showing	Red light indicates the power status on both the TX and RX. If red light is not shown you might want to check your power supply or connection cables.
Green light not showing	Green light indicates the connection status on both the TX and RX. If green light is not shown this might indicate that the units are too far apart. Please set them a few meters apart and check if the green light is shown.
No video signal from the RX	If both green and red light are shown on both units, please ensure you are transmitting CVBS Analogue Video. The units can not transmit TVI, CVI or AHD.
B&W video from the RX	Receiving a B&W signal might indicate that you are transmitting an AHD video signal. The units only work with CVBS It can also indicate that the CVBS signal is too weak. Please try to keep the units not too far apart.



Product 2



Connecting the TX unit



Connecting the RX unit

To install the TX, power up the Unit and the Camera using a splitter on the Power Supply. Connect the TX Unit and the Camera by plugging in the RCA Cables (White and Yellow).

To install the RX, power up the Unit using the Power Supply. Connect the RX Unit by plugging the RCA Cables (White and Yellow) to the AV connector of your Screen.

Product 3



Connecting the TX unit



Connecting the RX unit

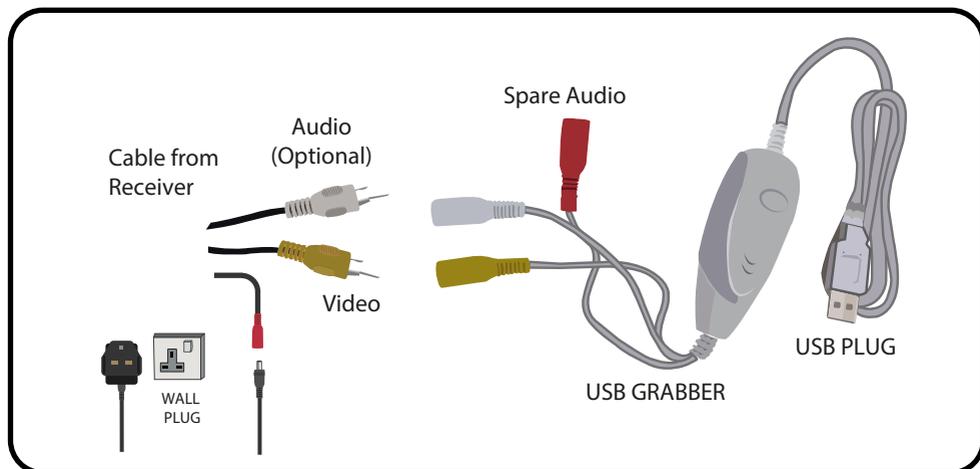
To install the TX, power up the Unit and the Camera using a splitter on the Power Supply. Connect the TX Unit and the Camera by plugging in the RCA Cables (White and Yellow).

To install the RX, power up the Unit using the Power Supply. Connect the RX Unit by plugging the RCA Cables (White and Yellow) to the AV connector of your Screen.

USB Connection

Initial Setup

Start by connecting the camera kit to a TV monitor in the same room. After successfully obtaining a satisfactory image, connecting the usb grabber should then be carried out.



- 1 - Install the driver and software files from the supplied CD.
- 2 - Connect twsb cable to a spare USB port on your PC
- 3 - Connect the white and yellow leads from the USB grabber to the audio and video leads from the camera
- 4 - Open the pre-installed software to view and record footage

Technical Support

Here in UK Wildlife Cameras customer support is our priority.

We have a dedicated team of Wildlife specialists who tested every product and are ready to answer any questions you might have.

We realise that not every wildlife lover is tech savvy that is why we make sure that when you run into a problem with any of our products, someone will be on the other end of the line to help.

There are many ways to contact us:

Call us on 0203 727 5239 to talk to one of our team in person.

Email on info@ukwildlifecameras.co.uk to receive comprehensive instructions at a convenient time.

Please note it's easier for us to give support via email as our tech team normally work outside typical hours and additional help guides/images can be digitally sent over.

**Visit our website for set-up guides and FAQs
at www.UKWildlifeCameras.co.uk**

THANK YOU FOR CHOOSING UK WILDLIFE CAMERAS



