greenfeathers
Bird Box Camera Kit
Quick Start Guide
Congratulations! You are now the proud owner of a Green Feathers Bird Box Camera. For years we have been a leading provider of wildlife cameras and our bird box cameras have been a number one choice for those wanting to watch wildlife in their very own garden from the comfort of the sofa. We are based in Bristol where our team have taken our fledgling cameras to new heights.

In no time we’ll get you up and running so you can be enjoying the company of your feathered friends. Please take a couple of minutes to have a read through this booklet before you get started. Not only are there some helpful hints and tips, but we also have some guidelines to help you plan the installation of your camera.

Everything has been designed with ease in mind and no special tools or skills are required; just a bit of time, a cup of tea and a friend is always helpful to have around. We hope you enjoy your camera!
WHERE TO PLACE YOUR BIRD BOX

Different birds have different needs when it comes to choosing where to place your bird box. Generally you should look to place your box in a quiet spot in the garden amongst other plants or trees, making sure to leave a clear path in for your birds to make their landing.

Unless there is a tree or building providing shade, it is generally a good idea to face the box between north and east to avoid direct sunlight and strong winds. Tilting the box slightly forward will also help to prevent rain from coming straight into the nesting area.

For blackbirds, robins and wrens you should place your bird box 1.5 to 2 metres high, well surrounded by planting.

For sparrows, starlings, tits and spotted flycatchers you should place your bird box 2 to 4 metres high and slightly covered with a clear entrance.

For woodpeckers, owls and kestrels you should place your bird box between 3 to 5 metres high in a nice open space.

If there are cats and other bird predators in the area then you should look to place your bird box a minimum of 2 metres above ground level.
WHERE TO PLACE YOUR BIRDBOX

Different birds have different needs when it comes to choosing where to place your birdbox. Generally you should look to place your box in a quiet spot in the garden amongst other plants or trees, making sure to leave a clear path in for your birds to make their landing.

Unless there is a tree or building providing shade, it is generally a good idea to face the box between north and east to avoid direct sunlight and strong winds. Tilting the box slightly forward will also help to prevent rain from coming straight into the nesting area.

For bluebirds, robins and wrens you should place your birdbox 1.5 to 2 metres high, well surrounded by planting.

For sparrows, starlings, tits and spotted flycatchers you should place your birdbox 2m - 4m high and slightly covered with a clear entrance.

For woodpeckers, owls and kestrels you should place your birdbox between 3m - 5m high, in a nice open space.

If there are cats and other bird predators in the area then you should look to place your bird box a minimum of 2m above ground level.
GETTING THE MOST FROM YOUR CAMERA

Focussing your camera lens
The easiest way to improve your video feed is to set the focus of your camera lens. All of our bird box cameras have a screw fit lens to make focus adjustment easy but this may require the assistance of a family member or friend. For simplicity’s sake, it is strongly recommended that you do this before mounting the box.

To do this place a small bird-sized object, such as a figurine, inside your bird box. With your bird box camera connected to a TV or monitor gently twist the lens to adjust the focal distance of the camera: clockwise to focus on objects that are further away or anti-clockwise to focus on closer objects.

Check Distances
If you have a wireless camera we suggest that you check the distances between the camera and the receiver before you install the camera into the bird box. Take the camera to the location where you want to place it and plug it in. Make sure that you are receiving a good signal to the receiver by monitoring on your TV.
Improving the lighting
The small LEDs around the lens of your camera helps to improve your picture in low light levels and at night, but they can reduce the vibrancy of colour during the day. There are two ways to improve the colour images from your camera.

1. **White Light Box:** acquire a white light box from us to assist light levels during the day.

2. **Perpex Window:** add a small perspex window to your bird box to introduce more light into the box without disturbing the residents. Simply drill a hole mid-way down the side of your box, below your camera and cover with a small pieces of 2–3mm thick sanded perspex fixed into place with a couple of screws. Sanding the perspex helps to soften the sunlight and reduce glare.

[Diagram of a bird box with labels: Camera mounted at the top rear of the box, Sun hole drilled half-way between the entrance and bottom of the box]
WIRELESS CAMERA CONNECTION GUIDE

Wireless Channel Sticker

Channel Selector Switch

Television/Recorder
WIRELESS TROUBLESHOOTING

Try to keep your wireless receiver away from any other wireless device such as an internet router or wireless telephone or electrical multi-sockets. This will help to minimise interference.

To reduce the amount of obstacles your wireless signal needs to navigate, imagine looking ‘straight through’ to your camera from your receiver. How many walls, floors and/or large objects is your signal going through? Can this be improved by moving your receiver or camera’s location?

Are you receiving interference on your picture, such as black horizontal lines or a herringbone pattern? This is typical of Wi-Fi interference – turn to the next page to read how to change the wireless channel of your camera.

FIND MORE HELP ONLINE
Learn more about getting the best range from your wireless camera on our help site.
green-feathers.co.uk/help
CHANGING THE WIRELESS CHANNEL OF YOUR CAMERA

Changing the wireless broadcast channel of your camera can be really useful when adding additional cameras to your system or as part of troubleshooting wireless interference. It’s only a 2 minute job, but you’ll need to be careful and may need a pin or small screwdriver to make the adjustments.

Locate and remove the black rubber bung on the back of your camera as shown to the right. Inside are two white switches which change the camera’s channel. Flick the switches to the arrangements on the right to set the camera to use channel 1, 2, 3 or 4. You should see the change immediately on your TV or screen but don’t forget to change the channel of your receiver too!

FIND MORE HELP ONLINE
How to change the channel on your wireless camera
green-feathers.co.uk/help
WIRED CONNECTION TIPS

Plan beforehand where you plan to lay your cable from your bird box to your viewing device. Are you going to bury your cable and where is the entry point to your house going to be? Generally it is best to drill a single hole through your outer wall (20mm diameter) but if you have wooden window frames a small hole through the corner of the frame may be a better idea.

If you’re burying the cable running through your garden then it is a good idea to protect it from the weather and burrowing animals. A simple way to do this is with some spare hose pipe. Simply run your cable through the hose, tape over the ends and bury. Some extra electrical tape over cable joints also helps keep water out.

If drilling a hole through the side of your house isn’t an option then you can bury a shorter cable in the garden up to a window and keep a coiled cable inside that can be connected up when you want to view your nestbox. Taping a plastic bag over the connector of the outdoor cable should help to keep the rain off.
WIRED CAMERA CONNECTION GUIDE
For product codes that begin with CMOSNC:

10m/20m/30m/40m/50m cables available
SCART adaptors available

Television/Recorder
For product codes that begin with **NCF15**: 

- **Television/Recorder**
- **10m/20m/30m/40m/50m cables available**
- **SCART adaptors available**
HOW TO CONNECT TO YOUR PC OR MAC

If you’re using one of our USB Capture Devices to view and record your camera on your computer, you will need to install the **Driver** and **Software**. The installation will prompt you to connect your USB device when it is ready.

To learn more about using your USB Capture Device, please visit our help article online.

**HOW DO I INSTALL THE SOFTWARE?**

Find out how to download and install the software.

https://goo.gl/3rF2Uw

If you haven’t purchased a USB enabled bird box camera bundle but would like to be able to record to your PC or Mac then visit our website.
NEED MORE HELP?

If you require more help setting up your bird box camera then head to our help site where you’ll be able to find all the latest help guides.

Visit our help site
green-feathers.co.uk/help
Something fun for a Saturday afternoon to attract wildlife into your garden. Great in winter when food is scarce. Productive, enjoyable and most of all cheap!

**Types of Container**
- Yoghurt pots
- Coconut shells
- Small plant pots
- String
- Lollipop sticks or twigs

**Ingredients**
- Lard or suet
- Bird seed
- Porridge oats
- Peanuts (suitable for birds)
- Raisins
- Kitchen scraps

**Equipment**
- Mixing bowl
- Saucepan
- Mixing spoon
- Cling film
- Bowl of cold water
- Rubber gloves (optional)
Method

1. Melt the lard/suet into the saucepan, don’t let it burn

2. Once melted, put all dry ingredients into a mixing bowl and then add the lard/suet. If you are going to mix everything together using your hands then make sure that the fat has cooled down enough before you get your hands stuck in!

3. Preparing the containers. Now you have the mixture ready, get a piece of string and loop it and tie a knot in the end of it. Remember not to make the loop too small such that it won’t fit over the branch/hook etc.

4. Press the soft mixture into the yoghurt pot/chosen container and around the string, making it as compact as possible so that the string doesn’t escape.

5. Once filled to the top of the yoghurt pot, leave the mixture to cool. Storing in a cold shed or garage would be ideal, you could just as easily store them in the fridge.

6. After the mixture is chilled, you need to remove it from the container. The best way to do this is to partially fill a bowl with warm water and place the container in. This way the water will warm the fast slightly in order to soften it allowing you to remove the fat balls.
FURTHER RESOURCES

Find out more about wildlife in your garden.

Lots of helpful tips on attracting more wildlife to your garden:
www.wildlifegardener.co.uk
www.wildaboutbritain.co.uk/forums

Plenty of tips and guides on living green:
www.thedailygreen.com
DECLARATION OF CONFORMITY

We, Open 24 Seven Ltd., hereby declare that the product:
Green Feathers Wireless Bird Box Camera

Is in conformity with all the essential requirements of Directives R&TTE Directive 1999/5/EC.

Assessment of compliance of the product with the requirements relating to the following specifications:

EMC
EN 300 328 V1.7.1 (2006-10)
EN 301 489-1 V1.8.1 (2008-04)
EN 301 489-17 V2.1.1 (2009-05)

The Person Responsible for this declaration is:

Name: Chris Barrell
Position: Operations Director
Date: 10th February 2010