



User Guide

Nature Watching Camera (C2C13)

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1. Introduction

Thank you for purchasing one of the Nestbox Company's family of products. We hope you will enjoy many years of viewing wildlife with this equipment.

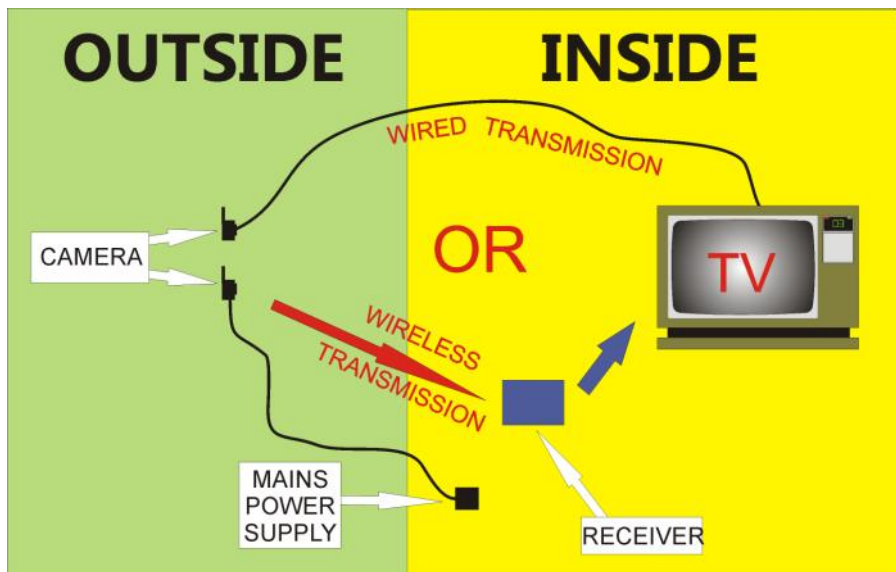
2. Setting Up Your Equipment and System

The Nature Watching Camera consists of 2 main components:

1. Camera
2. Receiver

As well as this, it includes everything necessary to connect the parts of the system together, to power sources, and to your computer or TV.

It is easy to put the system together by following these step by step instructions.



3. Unpack and Familiarise Yourself With the Product

As well as this User Guide, you should have the following parts:

Camera with built in microphone (including adjustable bracket and power/video/audio cable)



with **Antenna and Bracket**

Mains power supply unit for Camera



Receiver, with separate Antenna, mains Power Supply and



Video/Audio Lead to connect between the Camera or Receiver and your TV. This has two colour coded phono connectors at each end. Yellow is for the Video, and the other colour (either red or white, depending on supply) is for Audio.



Battery Snap for connecting between the camera and the Camera Power Supply Unit



Weather resistant cover

4. Set up Your Equipment

4.1 Camera and Bracket

Fit the bracket (which is adjustable for pan and tilt) to the Camera.

Screw or bolt the bracket onto a solid surface. Gently tighten the Bracket's fixings when you have adjusted the camera angle to your requirement.

Screw the antenna onto the back of the camera., and tilt it approximately vertical.



The outer metal cover slides round and up and down the camera. Adjust it to provide shade against direct sunlight into the lens, and some protection against rain.

4.2 Set up Camera for Operation

The camera can be wired straight into your TV, or alternatively with a wireless connection to the TV.

Connect the PP3 connector at the end of the camera power supply unit to the mating PP3 connector on the Battery Snap. Fit the other end of the Battery Snap into the power socket at the end of the Camera's lead. Plug the Power Supply Unit into a mains socket and switch on..

4.3 Wireless Connection to TV

Screw the Antenna onto one end of the Receiver. Adjust the angle of the Antenna so that it is approximately vertical. The receiver can be mounted vertically using the screw holes provided, or rested in a horizontal position.

Fit the 9/12V Mains Power Supply (it has a cylindrical plug) to the Receiver (DC 9-12V) and plug it into the Mains. Switch the power on. The red indicator light will show it is on.



Fit one end of the Receiver Video/Audio Lead to the Receiver, connecting yellow to “VIDEO OUT” and white or red to “AUDIO OUT”.

Fit the other end of the Receiver Video/Audio Lead to the direct input video/audio of your TV. Connect yellow to video in, and white or red to an audio in socket.

As an alternative, you may prefer to fit this in to the Video/Audio connectors on a video recorder or VCR.

If you only have a SCART input socket for your TV, you can fit the cable through an appropriate adaptor (not supplied).

The cable (and the signal it carries) is not suitable for direct connection to your TV aerial or antenna socket.

Turn the TV on, and switch it to the direct video/audio input.

Set the Channel Switch on the Receiver to the channel number indicated by the label on the camera. You should see a picture from the camera on your TV screen, and hear through the TV if you tap the camera gently.

The picture can also be viewed on a PC equipped for video input.

4.4 Wired Connection to the TV

Connect the two Phono connectors at one end of the video/audio cable to the connectors at the end of the camera lead. Connect (video) yellow to yellow, and (depending on which cable has been supplied) (audio) red or white to red or white.

Plug the video (yellow) and audio (red or white) connectors at the other end of the video/audio cable into the video and audio input sockets of your TV.

5. Miscellaneous

5.1 Use of Batteries

The camera can be powered by batteries if you wish, and requires a 6V supply, which can be connected through the Battery Snap.

5.2 Camera Housing and Lighting System

The camera housing contains a light sensor and a powerful array of infra red lights. If the light level available to the camera drops to a level at which it requires extra illumination, the infra red lights will automatically switch on.

The infra red lights will enable the camera to give a good picture in dark conditions (with most people's eyesight, they will be able to see a dim reddish glow), up to about 5 metres away from the camera. However, if the camera is used to watch something close in the dark, the infra red may be so bright as to dazzle part of the camera's field of view, despite the exposure adjustments which will be made automatically by the camera's electronics. If this occurs, cover part of the array of infra red lights with dark insulating tape (not supplied).

The camera focus has been adjusted at the factory, and cannot be reset by the user. It will give sharp focus between about 20 cm and infinity.

The camera housing is weatherproof, and designed to be used either in the open air or inside. Whilst it will withstand rain, do not immerse it in water.

It is important to avoid scratching the glass front to the camera housing, as this may reduce the quality of the picture. From time to time, we suggest you clean the glass with a soft cloth.

The direction the camera is pointing is intended to be adjusted using the bracket. Try to set up the angle of the camera and the position of the sliding metal shade to avoid the sun shining directly into the lens and to give some protection from rain falling on the front glass cover.

5.3 Wireless Transmission Range

The Transmitter and Receiver have a nominal range of 100 metres.

The actual distance achieved will vary depending on atmospheric conditions, any radio interference, the position and type of nearby obstacles (such as walls, trees, or metal objects) and the state of the batteries.

Moving the Receiver just a few centimetres can sometimes make a big difference to the strength of the signal, so to obtain the best reception, we suggest you move the Receiver around to find the best location by trial and error.

If you cannot achieve the desired range, it may be possible, using one of the aeri-als from our range of accessories, to increase the range significantly.

6. Specifications, Warranty etc

The specifications of the product described and the contents of this User Guide are subject to change without notice, as part of our continuous improvement process.

Whilst every care has been taken in the preparation of this document, we realise that it will still be possible to improve it. If you find any errors, omissions or points which are not clear, or have any suggestions for improving it, please let us know by email at mail@nestbox.co.uk. We will endeavour to deal with any problem to your satisfaction, and learn from it for future versions.

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The Nestbox Company Limited warrants all its products against defects in materials and manufacture for 6 months from the date of purchase. If a defect is discovered, The Nestbox Company will repair or replace the product (at its option) free of charge, provided it is returned to the address in this User Guide at the customer's expense.

The Nestbox Company Limited is not able to accept any responsibility for any loss, damage, or loss of data suffered by any customer or third party as a result of use, misuse or malfunction of the product or this User Guide. In particular, whilst the product has been extensively tested, we are unable to warrant that is error free.

If you have a further technical or user question relating to the product, please email it to us at mail.nestbox.co.uk.

From time to time, we provide customers with product updates. Please check the web site for details.

7. Care for the Environment

As you might expect, The Nestbox Company cares deeply about the Environment. We have adopted an Environmental Policy designed to demonstrate our commitment to operating our business in harmony with the natural and man made environments. If you wish to see the full policy, it is available to read on our web site.

Our products are developed to be economical with natural resources, both in manufacture and use. We comply with the relevant laws and regulations, including those relating to the Restriction of Hazardous Substances (known as RoHS) and Waste Electronic and Electrical Equipment (WEEE).

The wood used in our products comes from responsibly managed forests, as part of our commitment to the Forest Stewardship Council.

When you have finished using this product, please dispose of it responsibly.



Please separate it from other household waste or recycling, and use a local facility for waste electrical and electronic equipment.

This User Guide is printed on recycled paper.

8. Accessories for Your Nature Watching Camera

Our comprehensive range of accessories is designed to enable customers to make the best use of their purchase. Why not accessorise your equipment to extend its capabilities and make it do exactly what you want? The following examples of our accessories may be of interest:

Battery to Camera Extension Cable

Extend the Camera's power cable

Mains to Battery Extension Cable

Want to use mains power, but need a longer cable from the mains power unit ? This is what you need.

Video to USB Converter

This small converter allows you to feed pictures from your camera straight into your computer. No need to install any hardware inside the computer.

You can find the full range of

accessories on our web site, www.nestbox.co.uk,

or just scan the QR code here:



THE NESTBOX COMPANY LTD



Did you know we produce an extensive range of nesting boxes for birds and small mammals, and feeders and insect boxes?

We also make a wide variety of Camera Nest Boxes, and Wildlife Cameras and Accessories?

Some of our products:

Advanced Wireless Camera Nest Box

The ultimate Wireless Camera Nest Box, with a battery life up to 7 months, and bristling with innovations. Easy and Quick to set up. Remote Electronic Battery Box takes single -use or rechargeable batteries, and is already equipped with charger to utilise solar energy

Wireless Camera Nest Box

A full function Wireless Camera Nest Box, but with simpler electronics. Small translucent window gives colour pictures in daylight , while infra red lights give pictures at night. Mains or battery operation

To order, or for more details of all our products:

Visit us at www.nestbox.co.uk,

Email us at mail@nestbox.co.uk

Telephone us at +44 (0) 1675 442299

Or scan the QR code :



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