

Cedar Bird Box with Wireless or Wired Infrared Camera

Quality hand crafted cedar bird box with a wired or wireless camera installed in the roof looking down at the nesting area and includes all the necessary cables and transformers to connect the system to a TV or video recorder.

The cameras are low light cameras and use infrared light to see in total darkness. The infrared light is invisible to the naked eye, harmless to the birds and does not disrupt their natural day/night, light/dark cycles. It avoids the need to use artificial light in the bird box which can disturb the birds.



Cedar is our preferred wood for bird boxes as it is an excellent thermal insulator, long lasting and naturally weather resistant without the need for preservatives. Cedar has an attractive appearance and will weather naturally needing little maintenance other than cleaning the bird box after the fledglings have left the nest. All the cedar used in our bird boxes has the BM Trada Certification. The bird boxes are safe and non-toxic. No stains, preservatives, wood treatments or glues are used. Our bird boxes are designed not only to attract many different species for nesting, but to offer shelter and protection during winter as well.

The bird boxes are built to RSPB and BTO specifications with floors specially cornered to provide drainage should any water get inside. The sides are vented at the top to provide air circulation and one side is hinged for easy cleaning and monitoring. The bird box is screwed together with galvanised screws for extra strength, durability and a quality finish - no nails, no pins, no glue.

The bird boxes are available with four different sizes of entrance hole to attract several different birds:

- 25mm (1") hole to attract: Blue Tit, Coal Tit, Marsh Tit, Treecreeper, and very small birds.
- 28mm (1 1/8") hole to attract: Tree Sparrows, Great Tits, and Crested Tit.
- 32mm (1 1/4") hole to attract: Tree Sparrow, Great Tit, Crested Tit, Nuthatch and Pied Flycatcher.
- 38mm (1 1/2") hole to attract: Redstarts

The bird box is 30cm (12 inches) high (43cm (17inches) including fixing batten), 17cm (6 3/4 inches) wide and 13cm (5 inches) deep and made from 20mm (3/4 inch) thick cedar.

The system is available with either a High Resolution 420TVL or Ultra High Resolution 700TVL Sony Eiffo CCD colour camera with infrared and audio.

Three options available - Cedar Bird Box with:

Wireless Colour Sony CCD Camera, infrared and audio £149 or £159 inc. Delivery

Wired Colour Sony CCD Camera, infrared and audio £119 or £129 inc. Delivery

Cedar Bird Box - What is included?

Wireless Cedar Bird Box

Colour 420TVL Sony CCD Camera £149
Colour 700TVL Sony Eiffo Camera £159

- cedar bird box with installed wireless colour infrared camera with built in 2.4ghz transmitter and microphone - transmits both video and audio, with 10m (32ft) 12V low voltage power cable (additional 10m extension cables available as an optional extra, these simply plug together to extend the power cable to the required length)
- 12V regulated power supply for bird box camera / transmitter
- receiver base, 12V DC power supply for receiver base, 1m AV cable to connect to TV or video (longer AV cables are available as an optional extra) and a scart/RCA connector plug
- setup and operating instructions
- delivery is also included

Wired Cedar Bird Box

Colour 420TVL Sony CCD Camera £119
Colour 700TVL Sony Eiffo Camera £129

- cedar bird box with installed wired black and white infrared camera with built in microphone
- regulated 12V DC power supply for camera
- 30m (96ft) A/V/DC cable to connect the bird box to your TV/Video recorder (additional 10m extension cables available as an optional extra, these simply plug together to extend the cable as required) and a scart/RCA connector plug
- setup and operating instructions
- delivery is also included
- Wired boxes are available with longer cables, e.g. 10m 20m, 30m, 40m or 50m. Please call for details.

The only thing that's not included are the birds!!

Please note:

- Wireless refers to how the Video and Audio is transmitted. I.e. no cable runs from the bird box to the TV. However the bird box requires power to run the camera, transmitter and infrared, it is powered through the supplied 12V DC power supply and 10m cable plugged into the nearest mains socket, e.g. shed, garage etc. (if 10m is insufficient then 10m extension cables are available).
- The wireless signal will be blocked by metallic objects, e.g. a metal clad wall.
- The colour camera with infrared light - a day/night camera. In good light it produces a colour image and when the light level falls a photo cell turns on the infrared LEDs and the camera gives a black and white image and can see in total darkness. The infrared light is invisible to the naked eye, harmless to the birds and does not disrupt their natural day/night, light/dark cycles.
- Not all wireless systems are the same. Wireless cameras must operate on the 2.4Ghz band to be legal, 1.2Ghz wireless cameras are illegal to use in the UK. Our 2.4Ghz wireless systems use the highest quality components to maximise the range and signal quality. Some companies may tell you wired is better than wireless, what they mean is they have not been able to perfect the wireless system. We offer both wired and wireless, there are advantages and disadvantages to both systems.

* Delivery is included for all orders over £59, however delivery to outlying regions on items weighing more than 2kg (e.g. bird boxes, bird tables, etc.) are subject to a £15 delivery surcharge, i.e.:

Scottish postcodes: AB31-38, AB40-56, HS, IV1-28, IV30-32, IV36-49, IV51-56, IV63, KA27-28, KW1-17, PA20-38, PA41-49, PA60-78 PH4-44, PH49-50, ZE, Northern Ireland: BT, Isle of Man: IM, Channel Islands

Please telephone if you have any questions regarding delivery

Difference between Wireless and Wired Options

Wireless Camera System

Wireless system: The picture (video signal) and sound (audio signal) are sent to a receiver by a wireless 2.4ghz transmitter built into the camera. There is no need to run cables from the bird box to your TV. The "receiver" is placed near your TV or monitor and plugs into one of the TV's AV channels via the provided AV cable or plugged into a spare AV channel on a video recorder to allow recording of the pictures and sound. The camera operates on the "licence exempt" 2.4ghz 10mW frequency, which is CE compliant throughout the EU. The wireless system has an unobstructed transmission range of approximately 100m. Going through obstacles reduces the range, however as a general guide you should be able to transmit approximately 30 metres and through 1 or 2 normal house walls.

The bird box requires power to run the camera, transmitter and infrared, it is powered through the supplied 12V DC power supply and 10m cable and connects to the nearest mains socket, e.g. Shed, garage etc. (if 10m is insufficient then 10m extension cables are available).

N.B. Not all wireless systems are the same. Wireless cameras must operate on the 2.4Ghz band to be legal, 1.2Ghz wireless cameras are illegal to use in the UK. Our 2.4Ghz wireless systems use the highest quality components to maximise the range and signal quality. Some companies may tell you wired is better than wireless, what they mean is they have not been able to perfect the wireless system. We offer both wired and wireless, there are advantages and disadvantages to both systems.

Advantages of wireless system:

- easy to set up - camera only requires plugging into the mains, no cables between the bird box and TV
- flexible - can be quickly moved from one TV to another quickly and easily
- can run up to 4 cameras on separate channels
- each base has four channels and can be manually switched. If you have more than one camera on different channels you can switch channels on the base to view the signal from up to four different cameras and automatically cycle through the channels

Wired Camera System

Wired system: The picture (video signal), sound (audio signal) and 12V DC power are sent through a 30m (96ft) A/V/DC cable, one end is connected to the bird box and the other end is connected to one of the TV's AV channels or the AV channel on a video recorder to allow recording of the pictures and sound. The difference between the wired system and the wireless system is that the bird box on the wired system has a cable which physically connects the bird box to your TV/video. The A/V/DC cable can be extended to over 200m (650ft) by using additional 10m (32ft), 20m (65ft) or 30m (97ft) A/V/DC extension cables (optional extra).

Advantages of wired system:

- Can be extended to over 200m (650ft) without the constraint of physical obstructions
- Lower cost than the wireless system

Connecting to a computer: both systems can be connected to a computer if your computer has an AV input. If not you will need one of our Audio Video Capture Devices which connects to a USB2.0 port.

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