



## **NatureBytes Wildlife Camera Case**

Our robust case will protect your electronics from the elements, it is compatible with all Raspberry Pi models, it has an IR Lens to optimise motion detection, a camera strap so you can set-up your ideal wildlife shots or you can take advantage of the electronics mount, with space for additional sensors, power solutions and upgrades....and it looks awesome!

The NatureBytes Wildlife Camera Case is the perfect weatherproof housing to take your Raspberry Pi and camera outdoors.

Designed and made by tech and conservation experts in the UK.

The robust weatherproof case will protect your electronics from the elements, it is compatible with all Raspberry Pi models, it has an IR Lens to optimise motion detection, a camera strap so you can set-up your ideal wildlife shots or you can take advantage of the electronics mount, with space for additional sensors, power solutions and upgrades....and it looks awesome!

**Note: this is for the case only – no electronics included.**

- Weatherproof (certified IP55)
- Electronics mount compatible with all models of Raspberry Pi (including model B and Zero models)
- Fresnel IR lens to optimise motion detection
- Clip and hinge opening for easy access to the Pi's ports and internal components
- Nylon camera attachment strap for securing outside
- Can be secured with a padlock
- Fasteners and spacers for attaching electronics
- Rear cable access
- Rear attachments for modular upgrades
- No soldering required
- Bill of materials for Cam kit can be found here  
[https://cdn.shopify.com/s/files/1/2187/3161/files/Cam\\_Kit\\_BOM.pdf](https://cdn.shopify.com/s/files/1/2187/3161/files/Cam_Kit_BOM.pdf)

### **Dimensions**

- When closed: 16.5cm x 11.2cm x 7.8 cm





Strap

Weatherproof case



Battery holder



Mount

Fasteners and spacers

## Wildlife Cam Kit BOM 2018

Provided by Naturebytes	
Case and inserts	
Part.No.	Part Name/Description
1	Injection moulded case
2	Lenses
3	Brass inserts
4	Gaskets
5	Grommet
6	Acrylic insert to fit all pi models
7	Acrylic Battery Holder

Assembly fixtures and fittings		
Part.No.	Part Name/Description	No.per case
8	Black Velcro Strap	1
9	Screws m2 12 mm (cheese head screws, stainless steel)	2
10	Screws m2 25 mm (cheese head screws, stainless steel)	7
11	M3 6mm Screws	6
12	Brass M2 Inserts	9
13	Spacers 15 mm	5
14	Spacers 18 mm	2
14	Rubber grommet	1

Pi Supply to supply the following:		
Electronics		
Part.No.	Part Name/Description	No.per case
15	Raspberry pi (model TBC by reseller)*	1
16	Pi Camera module (model TBC by reseller - requires dimensions of official Pi cam board - footprint and 15cm ribbon length)	1
17	PIR HC-SR501 sensor	1
18	Female to Female Jumper wires (3 different colours)	3
19	SD Card (8GB micro SD) - image provided written	1
20	USB flash drive 2.0 (4GB)	1
21	Real time clock (DS321 3.3v, 5v battery)	1
* If selling with a Pi Zero the below needs to be included		
22	Micro USB Male OTG to USB Female Adapter	1
23	Mini HDMI Plug to Standard HDMI Jack Adapter (black)	1

Not included - recommend to be purchased by customer	
	Part Name/Description
Recommended	Anker PowerCore 10000 (Input 5V=2A Output 5v=2.4A, 9.2cm x 6cm x 2.2cm)
Alternative	Powerbank within max. dimensions (w 70mm x h 100mm x d 18mm)