



Pi Zero & Camera Case



MiniSumo

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Summary

Aimed at hanging on the back wall of our Birdbox, the Raspberry Pi Zero W is loaded up with MotionEyeOS.

[Gadgets](#) > [Photo & Video](#)

Tags: [camera](#) [birdhouse](#) [raspberrypi](#) [raspberrypicase](#)
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[ircamera](#)

This was aimed at hanging on the back wall of our Birdbox, the Raspberry Pi Zero W is loaded up with MotionEyeOS for simple surveillance of the nesting box.

This fits one of the standard night vision camera modules but, to manage space and size, only one of the IR lamps is fitted.

I've used 6 M2.5 Socket Head Cap Screws, 2 @ 20mm long and 4 @ 10mm.

1 x 10mm to add strength to the 8mm thread that allows angle adjustment

1 x 10mm camera case lid to body

2 x 10mm Pi Case Lid to Body and board mounting

2 x 20mm Camera Mount, though lid, case and Pi

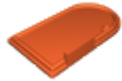
Ribbon from the Pi is folded under the board and through 90 degrees to pass out through the slot and into the camera case.

The camera is simply pushed into place and retained by the lid.

USB Power entry on the bottom left and an eye on the rear for screw mounting to the wall.

Category: Computer

Model files



camera_case_-_lid.stl



pi_case_-_box.stl



camera_case_-_nut.stl



pi_case_-_lid.stl



camera_case_-_box.stl



camera_case_-_mount.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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