

# Hexapod with Elastic Band Shooting Turret



EZ-Robot

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## Summary

This hexapod has an elastic band shooting turret, which can be aimed at your pets, friends or targets.

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This hexapod has an elastic band shooting turret, which can be aimed at your pets, friends or targets. We don't tell you what to shoot, just be safe :)

You can see it in action here: <https://www.youtube.com/watch?v=9OM7u7XpRaE>

## Print Settings

### Rafts:

Yes

### Supports:

Yes

**Infill:**

30

**Filament:**

Canadian Filaments PLA

**Notes:**

The servo mounting holes can be difficult to fit onto the servo output gears. Here's a tutorial to help you along the way: <https://synthiam.com/Community/Tutorials/Strengthen-Servo-Splines-in-3D-Printed-Brackets-17948>

Instructions =====

Once 3d Printed, the parts clip together. There are instructions with photos here: <https://www.ez-robot.com/learn-robotics-getting-started-with-the-hexapod-robot.html>

Here is how the parts clip together: <https://youtu.be/0cKnZqX2XkM>

The servos used in this robot's legs are here: <https://www.ez-robot.com/store/p16/servo-motor/Heavy-Duty-Servo-Motor/DIY-Servo-Motor.html>

The camera for the head is here: <https://www.ez-robot.com/store/p64/robotics-camera.html>

The EZ-Bv4 Robot Controller Brain is here: <https://www.ez-robot.com/store/p24/EZB-smart-robot-controller.html>

The LiPo battery is here: <https://www.ez-robot.com/store/p25/robot-power/lipo-battery.html>

The internal wiring harness + power switch is here: <https://www.ez-robot.com/store/p89/wiring-harness-short.html>

The iOS and Android App can be downloaded here: <https://www.ez-robot.com/mobile-robot-software.html>

Windows software for programming this robot can be found here: <https://www.ez-robot.com/pc-robot-software.html>

Category: Robotics

## Model files



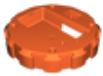
**p200\_a-01.stl**

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**p23\_a-01.stl**

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**p13\_a-01.stl**

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**p33\_a-01.stl**

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**p32\_a-01.stl**

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**p15\_a-01.stl**

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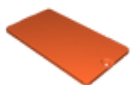
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**p14\_a-01.stl**

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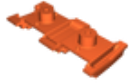
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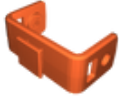
**p1\_a-01.stl**

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**p34\_a-01.stl**

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**p24\_a-01.stl**

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**p12\_a-01.stl**

[Find source .stl files on Thingiverse.com](#)

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