# RASPBERRY PI EYE

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THE RASPBERRY PI EYE – A VISION TOOL FOR THE PI

TECHNICAL SPECIFICATIONS

CON

## **BILL OF MATERIALS**

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### Bill of Materials for the Pi Eye Kit

The Pi Eye Kit does not include the Raspberry Pi, Camera or Power Supply. It does not include the Sense-Hat, Sense-Hat GPIO Extender, Mounting Stand or HDMI cable. It does not include an artistic "skin" covering.



View of the main support plate with a Raspberry Pi installed.

#### Included in the kit:

- 1 Plastic Globe 156 mm. diameter
- 1 Main Support Plate 152 mm. diameter
- 4 Raspberry Pi Mounting Screws M2.5 x 12mm
- 4 Raspberry Pi Mounting Lock Nuts M2.5
- 4 Raspberry Pi Mounting Spacers M3 x 5mm OD x 3mm L
- 2 Camera Mounting Screws M2 x 16mm
- 2 Camera Mounting Nuts M2
- 2 Camera Mounting Spacers M3 x 5mm OD x 3mm L
- 1 Stepper Motor Controller Board
- 4 Motor Controller Mounting Screws M2.5 x 12mm
- 4 Motor Controller Mounting Lock Nuts M2.5
- 4 Motor Controller Mounting Spacers M3 x 5mm OD x 3mm L
- 6 Motor Controller Wire Connectors F-F 6"
- 2 Motor Controller Wire Cable Ties
- 1 Camera Mount Block 10mm x 10mm x 40mm
- 2 Plate Mounting Block 10mm x 10mm x 30mm
- 4 Mounting Block Screws
- 1 Motor Mounting Plate 68 mm. diameter
- 1 Stepper Motor
- 2 Stepper Motor Mounting Screws M4 x 10mm
- 2 Stepper Motor Mounting Nuts M4
- 1 Stepper Motor Shaft Coupler
- 2 Motor Shaft Coupler Set Screws

You will also need some tools and supplies to finish this kit: a drill and rotary tool, metric hex wrenches, acrylic epoxy, gloss black enamel (optional), mounting stand with hardware.

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