
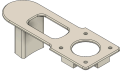
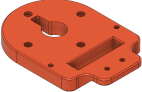

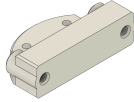



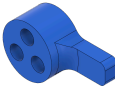






Bill of Materials

| Name | Image | Quantity (Pieces) | Price (฿) | Link |
|------------------------|---|-------------------|-------------------------|------|
| Base Bottom Body |  | 1 | 3D Printed By Ourselves | - |
| Base Top Plate |  | 1 | 3D Printed By Ourselves | - |
| Pan Brace |  | 1 | 3D Printed By Ourselves | - |
| Pan Bearing Holder |  | 1 | 3D Printed By Ourselves | - |
| Pan Pulley 114 Tooth |  | 1 | 3D Printed By Ourselves | - |
| Pan Arm |  | 1 | 3D Printed By Ourselves | - |
| Pan Limit Switch Mount |  | 1 | 3D Printed By Ourselves | - |
| Tilt Motor Clamp Front |  | 1 | 3D Printed By Ourselves | - |

| | | | | |
|-------------------------|---|---|-------------------------|---|
| Tilt Motor Clamp Back |  | 1 | 3D Printed By Ourselves | |
| Tilt Arm |  | 1 | 3D Printed By Ourselves | - |
| Tilt Pulley Mount |  | 1 | 3D Printed By Ourselves | - |
| Tilt Pulley 114 Tooth |  | 1 | 3D Printed By Ourselves | - |
| Tilt Limit Switch Lever |  | 1 | 3D Printed By Ourselves | |
| Tilt Support Shaft |  | 1 | 3D Printed By Ourselves | - |
| Gun Box Component1 |  | 1 | 3D Printed By Ourselves | - |
| Gun Box Component2 |  | 1 | 3D Printed By Ourselves | - |
| Ammo Container Mount |  | 1 | 3D Printed By Ourselves | - |

| | | | | |
|--|---|---|-------------------------|---|
| WebCamMount |  | 1 | 3D Printed By Ourselves | - |
| Raspberry Pi 4 |  | 1 | Provided by Aj. | - |
| Cytron Motion 2350 pro |  | 1 | Provided by Aj. | - |
| TB6600 Microstep driver |  | 2 | Provided by Aj. | - |
| Nema17 Stepper Motor |  | 2 | Provided by Aj. | - |
| Micro Switch CMV16031C2 |  | 2 | Provided by Aj. | - |
| 12V 1 Terminal Relay Module |  | 1 | 50 | 12V 1 Terminal Relay Module |
| Gun Gearbox (Used the gear box inside a toy gun) |  | 1 | 299 | Gun Gear Box (Inside a Toy Gun) |

| | | | | |
|-----------------------------------|---|---|-----------------|---|
| Laser Module |  | 1 | 13 | Laser Module |
| Logitech C270 Webcam |  | 1 | Provided by Aj. | - |
| Power Supply 24V DC OUTPUT |  | 1 | 220 | Power Supply 24V DC OUTPUT |
| Li-ion Battery 3.7v 500mAh |  | 1 | 49 | Li-ion Battery 3.7v 500mAh |
| LM2596 (Step Down) |  | 1 | 49 | LM2596 (Step Down) |
| Bearing 6004-RS |  | 3 | 92 | Bearing 6004-RS |
| Belt closed loop rubber 280-2GT-6 |  | 2 | 54 | Belt closed loop rubber 280-2GT-6 |

| | | | | |
|---|---|----------|-----------|---|
| <p>2GT Width 6mm, 16 Teeth Timing Pulley (Bore 5mm)</p> |  | <p>2</p> | <p>58</p> | <p>2GT Width 6mm, 16 Teeth Timing Pulley (Bore 5mm)</p> |
|---|---|----------|-----------|---|