

v1

Chassis Spec

- 4 Arms
 - 13mm×10mm aluminium (cheap-ish from B&Q): Can run wires inside. Or,
 - 25mm+ would allow us to also put the speed controllers inside.
- flat top piece for holding electronics
- something to cover the electronics
- flat bottom piece for holding camera mount
- Landing struts (with enough clearance for a camera mount)

Parts

- 4x rotors, 2 of them counter-rotating.
 - 2 blade http://www.toddsmodels.com/product_p/epp1045.htm
 - 3 blade http://www.hobbycity.com/hobbycity/store/uh_viewItem.asp?idProduct=5248
http://www.hobbycity.com/hobbycity/store/uh_viewItem.asp?idProduct=5250

v2

Folding Arms

2 long arms, attached in middle

Arms would be able to pivot around a central joint, similar to a pair of scissors.

1 long arm, 2 short arms, joined using top & bottom plate

one long arm would go all the way through, 2 other arms would be hinged to the top & bottom plate, with pins to lock in place.

Category: Quadcopters

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