

H101 FPV MOD

Some pictures of the end-result



The Parts I've used

- [Floureon H101](#)
- [Bayangtoys X9 Propellers](#)
- [600TVL 1/4 1.8mm CMOS FPV 170 Degree Wide Angle Lens Camera PAL/NTSC 3.7-5V](#)
- [PFM Control DC-DC 0.9V-5V To USB 5V Boost Step-up Power Supply Module](#) - USB port desoldered, overhanging Rest of the board cut replaced by [This smaller step-up \(saves 1 gramm\)](#)
- [Boscam FPV 5.8G 10mW Wireless Audio Video Transmitter Module TX5813](#)
- 3 Pin header (don't know exactlx which one, from fundus) for flashing
- [DIY Dipole Antenna](#) (german page, but pictures say everything)
- SATA133 wires instead of normal 28AWG - saves 1.5 more gramms

Technical data

- H101 (in my case with H8mini FC, but doesn't matter) with Silverware
- Floureon stock ~~150mAh~~ 260mAh batteries
- weight 22g 19g (without battery)
- flight time with FPV 3:15 4:15 min (without FPV about 30 seconds longer)

Short FPV flight

(while pausing cleaning out the flat 😊)

[fpv_vers1.mp4](#)

Longer flight, with the updated version

now flight behavior is very fine!, feels no more heavy

[fpv_in_outdoor.mp4](#)

From:

<http://sirdomsen.diskstation.me/dokuwiki/> - **Silverware Wiki**

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