

## Hardware Components for MediDroid

Humidity and temperature sensor: Arduino Compatible Digital Temperature Humidity Sensor Module

[http://www.gearbest.com/development-boards/pp\\_76242.html](http://www.gearbest.com/development-boards/pp_76242.html)

Analog digital converter: Hde EasyCAP USB 2.0 Audio/Video Capture/Surveillance Dongle (AS-EZ-CAP1)

<http://www.amazon.com/EasyCAP-Capture-Surveillance-Dongle-AS-EZ-CAP1/dp/B000Z4AQFU>

Video transmitter: FX FX796T FX799T Micro 5.8G 40CH 200mW AV Race Transmitter

[http://www.banggood.com/FX-FX796T-FX799T-Micro-5\\_8G-40CH-200mW-AV-Race-Transmitter-p-1007091.html](http://www.banggood.com/FX-FX796T-FX799T-Micro-5_8G-40CH-200mW-AV-Race-Transmitter-p-1007091.html)

Video receiver: Vatos RC832 32Ch 5.8GHz 600mw 5km Wireless AV TX FPV Receiver w/ 2 AV Cable (RC832 Receiver)

[https://www.amazon.co.uk/gp/product/B01AN23N7Q/ref=oh\\_aui\\_detailpage\\_o05\\_s00?ie=UTF8&psc=1](https://www.amazon.co.uk/gp/product/B01AN23N7Q/ref=oh_aui_detailpage_o05_s00?ie=UTF8&psc=1)

Data transmitter: JeeNode USB

<http://www.digitalsmarties.net/products/jeenode-usb>

Data receiver: JeeLink (v3c)

<http://www.digitalsmarties.net/products/jeelink>

Camera: FatShark 700TVL CMOS FPV Camera NTSC/PAL with Pan and Tilt

[http://www.hobbyking.co.uk/hobbyking/store/\\_80836\\_FatShark\\_700TVL\\_CMOS\\_FPV\\_Camera\\_NTSC\\_PAL\\_with\\_Pan\\_and\\_Tilt.html](http://www.hobbyking.co.uk/hobbyking/store/_80836_FatShark_700TVL_CMOS_FPV_Camera_NTSC_PAL_with_Pan_and_Tilt.html)

Phone: Nexus 5

Laptop

Battery: Turnigy 5000mah 3S 20C LiPo

[https://www.dronesdirect.co.uk/p/9184/turnigy-5000mah-3s-20c-lipo?refsource=DDadwords&crtag=DD&gclid=CjwKEAajwxoG5BRCC7ezlzNmR8HUSJAAre36jwIP01s2XoV4BogriKxm84d92tgB5XPscgM7gJv0kUhoCvOPw\\_wcB](https://www.dronesdirect.co.uk/p/9184/turnigy-5000mah-3s-20c-lipo?refsource=DDadwords&crtag=DD&gclid=CjwKEAajwxoG5BRCC7ezlzNmR8HUSJAAre36jwIP01s2XoV4BogriKxm84d92tgB5XPscgM7gJv0kUhoCvOPw_wcB)

Battery: Turnigy nano-tech 1300mah 3S 25~50C Lipo Pack

[http://www.hobbyking.com/hobbyking/store/\\_11903\\_Turnigy\\_nano\\_tech\\_1300mah\\_3S\\_25\\_50C\\_Lipo\\_Pack.html](http://www.hobbyking.com/hobbyking/store/_11903_Turnigy_nano_tech_1300mah_3S_25_50C_Lipo_Pack.html)