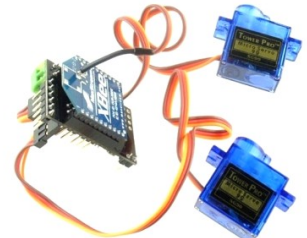


DFROBOT

Flyduino-A 12 Servo Controller (Arduino Compatible)

Product Code: DFR0136



This is probably the smallest Arduino controller speically designed for controlling servos. It features a 12 standard servo control capbility with an Xbee socket which can be used in model helicopters or UAVs via the Xbee link. The feather weight (7.5g) makes it an ideal controller for application with a limited payload. The built in regulator allows the input voltage to vary from 3.5-8V which fits most power supplies without any modification.

With the use of Arduino IDE, the coding becomes extremely easy.

Note: A [FTDI Basic breakout](#) is required to upload the program (@3.3V)

Warning: The controller is working under 3.3V, please do not program it with a 5V FTDI breakout, it will damage the module permently.

Specification

- CPU:Atmega328P
- Working voltage:3.3V
- Input voltage:3.5-8V (regulated)
- 12 Channel servo control
- Xbee socket
- Analog input: 8
- SRAM:2K
- EEPROM:1K
- Weight:7.5 gram
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Document

- Programming IDE: [Arduino IDE 0022](#)
- [Schematics](#)