DYNAMIC SOLUTIONS

Jounieh, International Highway
Keserwan, Lebanon

T 00961 29 44 44 05
M 00961 79 35 00 85

info@dynamic.me

# ArduPilot APM 2.8 Flight Controller Board Kit

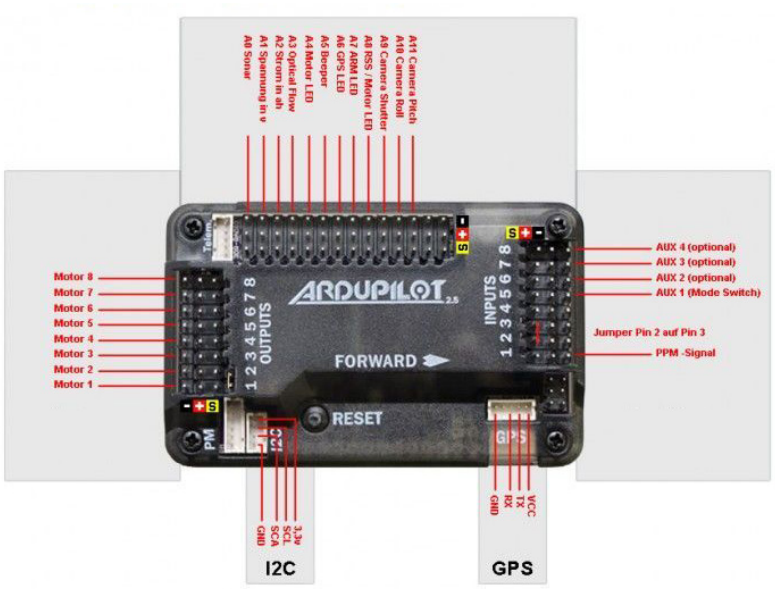


***Features:***

The APM 2.8 is an ArduPilot flight controller based on the ATmega2560 and ATmega32U2, with a 3-axis gyroscope, accelerometer, barometer and a built-in compass that can be switched to an external one by jumper. It has RC inputs, PWM outputs, GPS and I2C ports, and connects to Mission Planner over Micro USB, where it appears as an Arduino Mega for firmware install and calibration.

| Specifications | |
|---|---|
| **Model** | APM 2.8 |
| **Processors** | ATmega2560, ATmega32U2 |
| **Sensors** | 3-axis gyroscope, accelerometer, barometer |
| **Compass** | Built-in, external compass supported (jumper selectable) |
| **RC Input Pin Order** | Outer pin GND, middle pin +, inner pin signal |
| **GPS Port** | For external GPS (not included) |
| **I2C Port** | For external compass (not included) |
| **USB** | Micro USB (detected as Arduino Mega, 115200 baud) |
| **LEDs** | Green = power, red blinks when connected to PC |
| **Firmware** | ArduPilot (Copter, Plane, Rover) |
| **Ground Control Software** | Mission Planner |
| **Dimensions** | 85 x 45 x 15mm |
| **Weight** | 82g |
| **Usage** | DIY quadcopters, multicopters, fixed-wing planes, helicopters, rovers and boats |

## Pinouts & Wiring:

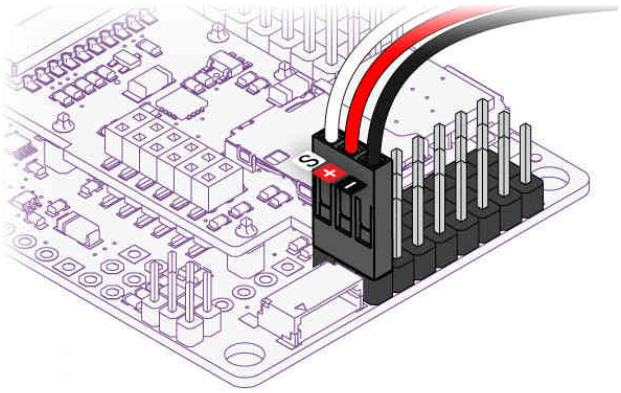


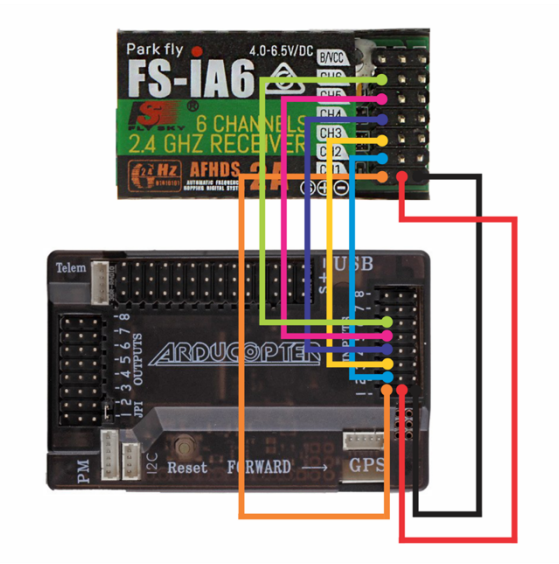
DYNAMIC SOLUTIONS

Jounieh, International Highway
Keserwan, Lebanon

T 00961 29 44 44 05
M 00961 79 35 00 85

info@dynamic.me






## Product Pictures:

