

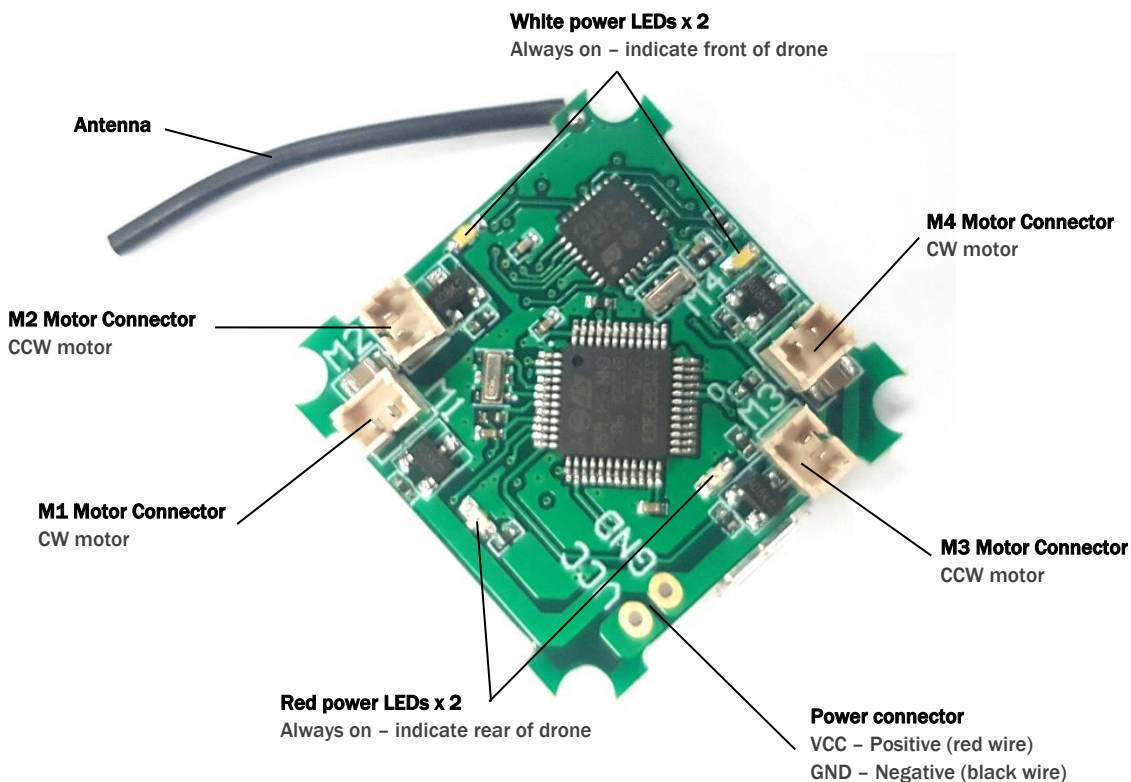
## Beecore FlySky Compatible F3 Flight Controller

This Beecore micro-drone flight controller has an integrated AFHDS 6-channel receiver for use with FlySky transmitters. It also has 4 integrated motor controllers for use with miniature brushed motors.

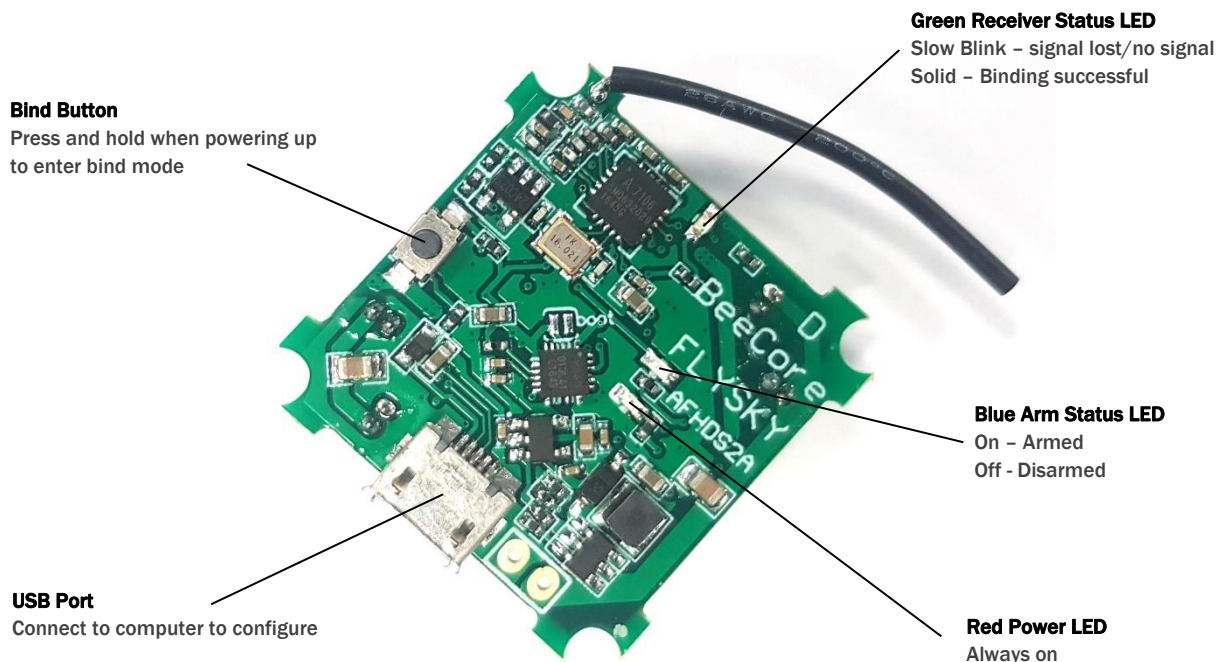
### Specification

Processor	STM32 F303
Inertial unit	MPU6500
Dimensions (mm)	26 x 26 x 2
Weight	3g
Voltage	3.7 – 5v (1S LiPo)
Receiver	6-Channel FlySky AFHDS

### Circuit Board Layout (bottom view)



## Circuit Board Layout (top view)



## Binding Process

Set your transmitter to bind mode following the manufacturer's instructions. Then press and hold the bind button on the Beecore whilst connecting the battery. The bind procedure is now complete and you can exit the bind menu on the transmitter.

## Configuration

The Beecore F3 comes pre-loaded with firmware that can be configured via Cleanflight or Betaflight.

Most settings are pre-configured. We recommend that you set up an arm switch and a mode switch – check the Micro Class Configuration video at [www.airgineers.co.uk](http://www.airgineers.co.uk) for details of how to do this.



# www.airgineers.co.uk

 @airgineers