

Abstract

We mainly use the Arduino board, Bluetooth module, Mpu6050 and Arduino Sensor Shield V5.0 this a few boards . Using the Arduino board and Arduino Sensor Shield V5.0 control brushless motor and the use of mobile phone APP (BTCom) through the direct manipulation of the motor speed Bluetooth . Connect the brushless motor to the electronic speed control .While the Arduino Sensor Shield V5.0 is an expanded version of the Arduino board that delivers two values to the Arduino board when the aircraft is tilted .Let the Arduino board calculate which of the motors need to be increased or decreased . In order to achieve the purpose of smooth flight .