Drone remote controller app

Features

- Easy access to pilot settings and flight parameters
- Based on BlueST-SDK library available on GitHub
- Automatic detection of the STEVAL-FCU001V1 via BLE
- Complete source code available on GitHub

Description

The ST_BLE_DRONE app is designed to be used in conjunction with STEVAL-FCU001V1 or STEVAL-DRONE01 evaluation boards.

It is available for Android and iOS and acts as a drone remote controller via BLE using the BlueST protocol.

ST_BLE_DRONE provides an easy-to-use interface to replicate the remote control functionality on the smartphone.

Once downloaded the app from Google Play or Apple store, enable it to use the smartphone/tablet Bluetooth, turn the STEVAL-FCU001V1 on and open the application: ST_BLE_DRONE automatically detects and displays visible boards. You should select the preferred one to start the connection.

From the application home screen, you can easily access your settings for piloting as well as some flight parameters.

The app simplifies some procedures such as arming/disarming and sensor calibration with single taps.

Product summary	
drone remote controller app for Android	ST_BLE_DRONE
flight controller unit evaluation board for toy drones	STEVAL-FCU001V1
mini drone kit with flight controller unit, motors, propellers, frame and battery	STEVAL-DRONE01
Bluetooth Low Energy and Sensor Technology software development kit	BlueST-SDK
Applications	Gaming and Drones

DB3850 - Rev 2 - November 2019
For further information contact your local STMicroelectronics sales office.

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Revision history

Table 1. Document revision history

Date	Version	Changes
13-Feb-2019	1	Initial release.
13-Nov-2019	2	Updated title, cover page product summary table and description.

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