

How does the 3DR solo app work?

Solo. The "3DR Solo" app outputs a live video stream from Solo's onboard camera to an Android or iOS device. The operator can use the app to view the live video with overlaid telemetry and access a simplified graphic interface for controlling Solo's advanced functions.

What is a 3DR solo compass?

Solo Link, 3DR Solo GPS, and 3DR Solo Compass. These components have a two-way serial signal link with the mainboard to transfer data between them via the mainboard as a central hub. The LEDs on each arm of Solo are components of the ESCs and receive power and I2C signals via the ESCs.

How do I connect Solo to the 3DR link WiFi network?

Connect to Solo To connect the app to the 3DR Link WiFi network, access the WiFi settings on the mobile device and select Solo_Link-####. Enter the temporary password "sololink". Once connected, return to the app to continue. After pressing A, Solo will update.

How much RF energy does a solo controller use?

The body's Specific Absorption Rate (SAR) for the Solo controller is 1.33 watts per kilogram (W/kg) in compliance with the FCC limit of 1.6 W/kg. To reduce exposure to RF energy, hold Solo at least 20 cm away from your body at all times during operation.

What is 3DR link & 3DR Controller Link?

3DR Link network and received by 3DR Controller Link which re-transmits the inputs to Solo over the 3DR Link network. The redirection of controls from the app is due to the improved range of the controller's antennas.

How does a 3DR link antenna work?

Motors on arms #1 and #2 spin counterclockwise and use clockwise-tightening propellers with silver tops. Conversely, motors on arms #3 and #4 spin clockwise and use clockwise-tightening propellers with black tops. Twin dipole antenna in the legs #1 and #2 send and receive signals from the 3DR Link WiFi network.

On top, balancing connector, FTDI(configuration) on the left, Solo connector on the right, with the option to solder battery wires directly. The backside. B+/- is where you connect the battery, if you do not use a Solo ...

In summary 20min seem to be possible under optimal conditions. This is good! 45mph (72km/h) as reported by Kelly is pretty fast as well. Maybe 15min of flight time is more ...

The 3DR Solo can be easily operated and controlled by beginners with the included gamepad-style controller. The controller also has an HDMI output to transmit the video signal to external screens. To take full advantage ...

For a project we're working on, we bought a bunch of connectors for the 3DR Solo Battery Power contacts (we don't need the signal portion). Since the minimum order quantity was larger than we needed, we figured we would ...

7) Power up the Solo and reconnect to controller: Put the battery onto the solo. It will just sit atop the carrier board. Obviously you should avoid moving the Solo around too ...

This guide describes how to work inside Solo's system architecture and develop applications for Solo. The objective of this guide is to enable developers to: Get a General ...

3DR Solo 1. 3DR Solo?: :3DR Solo, ...

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Powering To power Solo, insert the battery into Solo's battery bay and slide the battery forward until it clicks into place. Press and hold the battery power button to turn on Solo. When Solo ...

31 rowsJan 23, 2019Accessory Bay The Accessory Bay is the area behind the gimbal under the Solo that does not interfere with the 3DR Gimbal. It is intended for secondary accessories, including additional communications ...

Possible Solo Battery For External BMS CharlieKeck; Nov 24, 2023; General Discussion; Replies 0 Views 685. ... 3DRpilots is the leading online community for 3DR Solo drone enthusiasts and a member of the DronePilots ...

Review of the 3DR Solo drone. Flight performances of 3DR Solo drone explained. ... However, if the drone fails to work because of abnormal usage, damage from the use of external software and the likes, the company ...

Sorry for the delay. Busy day. Just to clarify, I have two Solo's and thus two controllers, one of which I connected to a generic AC Adapter. DO NOT USE A GENERIC AC ...

3DR Solo? : :3DR Solo,,? ...

Ideally you want to boost the voltage high to overcome the voltage drop. This will allow for thinner wire and

more length. Then you must convert it back to 14.8 on the Solo. One ...

3DR Solo3DR Pixhawk,Pixhawk,? 1.1.1 : ...

Powering To power Solo, insert the battery into Solo's battery bay and slide the battery forward until it clicks into place. Press and hold the battery power button to turn on Solo. When Solo power on, the battery will display an LED animation ...

The CAN and SERIAL BUS connections to Pixhawk(TM) are "not supported" by 3DR for external developer use. Power Supply. Two voltage sources are supplied to the Accessory Bay:. VCC 5V (4.75V to 5.4V). VCC ...

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