

IRIS

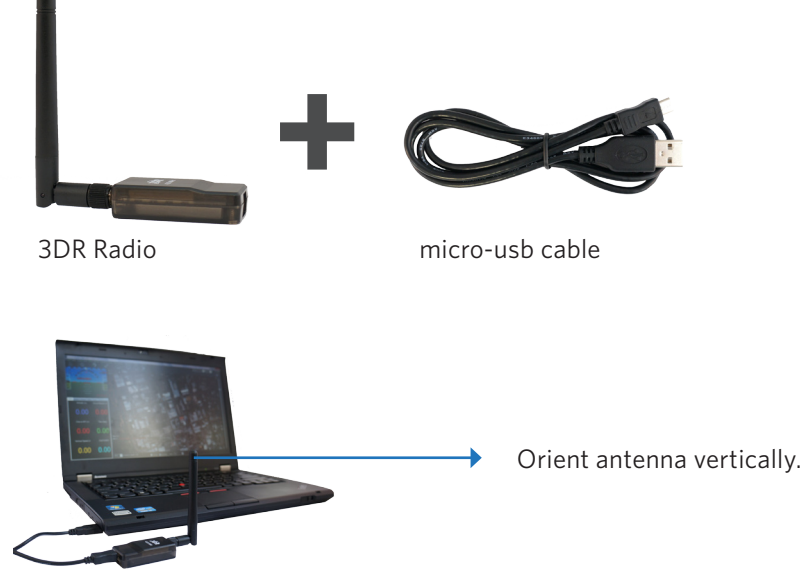
USING A GROUND STATION

Mission Planner

After you've installed Mission Planner on your ground station laptop, follow these instructions to connect IRIS and view live data in flight. To download Mission Planner, visit 3drobotics.com/iris/info.

1 Set up your ground station

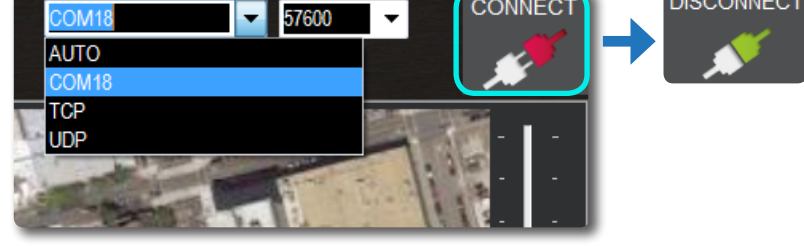
Connect the 3DR Radio to the micro-USB cable, and connect to your ground station laptop.



When you're ready to fly, power IRIS according to the preflight steps on the Flight Checklist, and open Mission Planner.

2 Connect IRIS to Mission Planner

In the top-right corner of Mission Planner, select the available **COM** port from the drop-down menu, set the rate to **57600**, and select **Connect**.

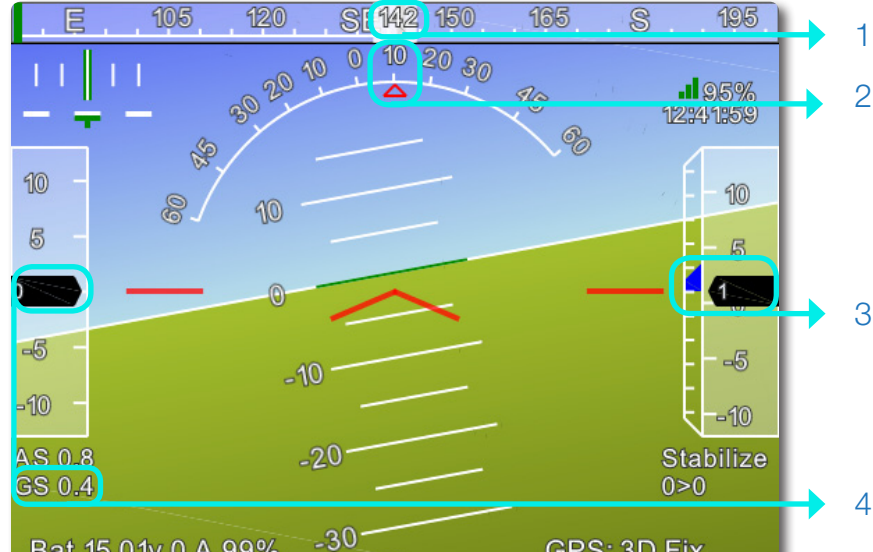


3 View IRIS' status in flight

Once IRIS is connected to Mission Planner, use the Flight Data screen to view location and status information.

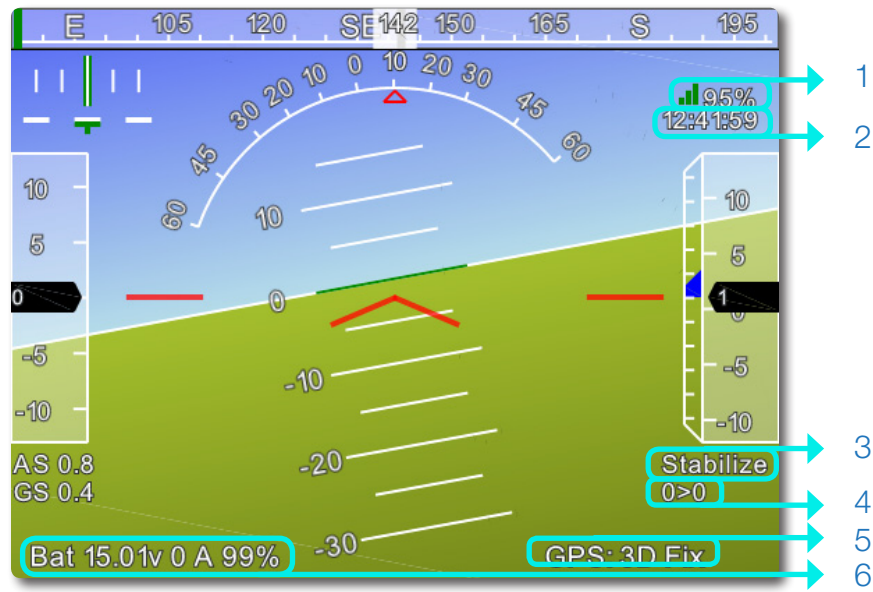


Attitude



- 1 Heading direction
- 2 Bank angle
- 3 Altitude (black) and rate of climb (blue bar)
- 4 Ground speed

Status



- 1 Telemetry signal
- 2 GPS time
- 3 Currently enabled mode
- 4 Distance to current waypoint > current waypoint number
- 5 GPS status
- 6 Battery status

Location



- 1 Current heading
- 2 Direct path to current waypoint (during missions)
- 3 GPS-reported direction of travel
- 4 Actual flight path
- 5 Latitude & longitude
- 6 Altitude