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# Wingtra Support

## Changing from Rededge to RGB Camera



## Required Equipment

- + WingtraOne
- + Torx screw driver
- + RGB camera and mount
- + Closed Topcover
- + Micro USB storage adapter with SD card (only for QX1 camera)
- + PPK module (if applicable)
  - + Three M3x12 torx screws



### Caution

- + Deviating from the described procedure can lead to damage on the sensor and hence to faulty images.
- + In case of loose payloads or shifted CG it can make WingtraOne

# Step by step procedure

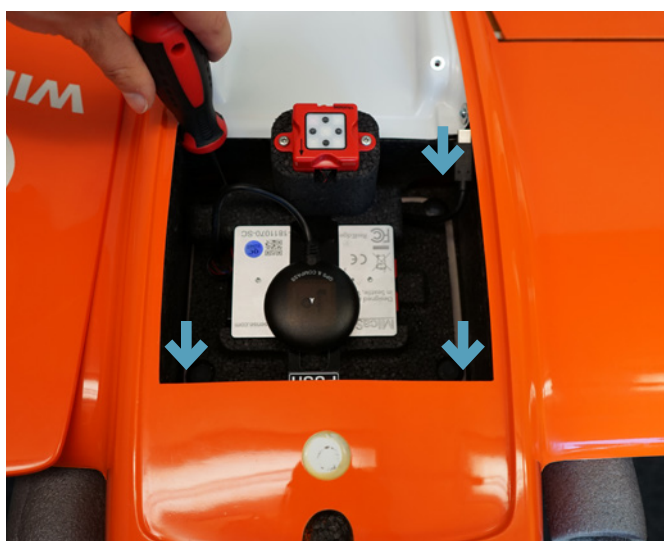
- 1 Make sure WingtraOne is not powered
- 2 Lay down WingtraOne on a flat surface



- 3 Open the topcover
- 4 Unplug the USB-C universal payload adapter.



- 5 Use the torx screw driver to open the four screws in each corner of the payload area. (Note: the screws are attached to the camera mount. You do not need to worry about losing them inside)



- 6 Lift out the camera mount assembly
- 7 Insert the RGB camera mount with camera



- 8 Tighten the screws in all four corners using the torx screw driver and plug in the USB-C payload adapter.



- 9 Install the PPK module (if applicable)
- a Plug in the plug of the PPK cover to the protruding connector





- b Carefully insert the white PPK module. Pay attention to not pull out the connected cable.



- c Fixate the PPK module using the three torx screws (M3x12) with the torx screw driver.



- d If the black antenna of the PPK module is not yet installed screw it onto the antenna connector

- 10 Plug in the USB-C universal payload adapter



- 11 Make sure to have a SD Card inside the camera or to insert the micro USB SD card reader to the micro USB port of WingtraOne (for QX1 camera)



- 12 Close the PPK cover by using the push button.



- 13 Take the new closed topcover and close WingtraOne payload area.

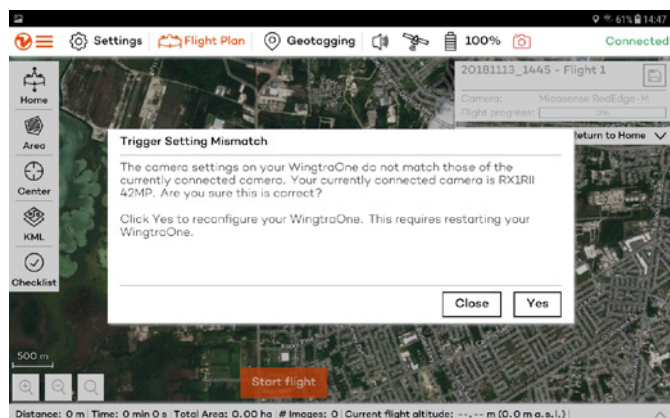


- 14 Finalize WingtraOne Setup with RGB Camera

- a Power on WingtraOne
- b Open WingtraPilot App and connect the telemetry antenna to connect to WingtraOne
- c Create a new flight plan
  - i make sure to select the right camera when going through the wizard
- d The RGB Camera will be detected and WingtraPilot prompts you to repower WingtraOne to initialize the RGB Camera correctly

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This can take some time. Wait at least more than a minute for WingtraOne to establish the connection.



- e Confirm by clicking “Yes”
- f Repower WingtraOne to save the new camera

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For assistance or further information visit [support.wingtra.com](https://support.wingtra.com) or contact [support@wingtra.com](mailto:support@wingtra.com)

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