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(rev2 April 2018)

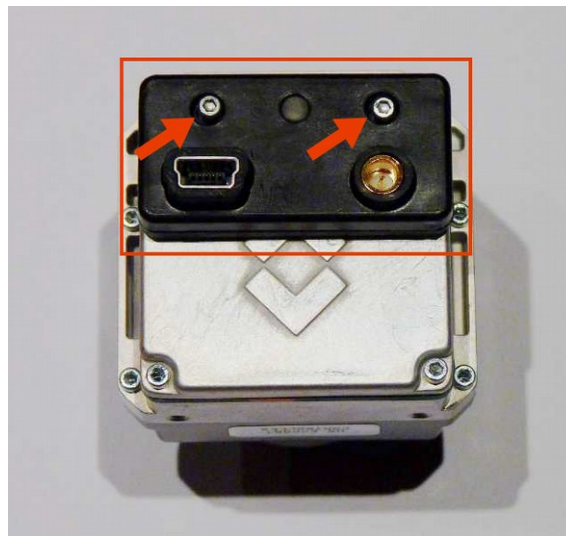
## Mounting instructions for ThermalCapture Grabber USB



Thank you for buying our product. The following instructions will guide you through the process of mounting ThermalCapture to a TAU core. Please read these instructions carefully before you begin.

### **Step 1: Remove the VPC Module**

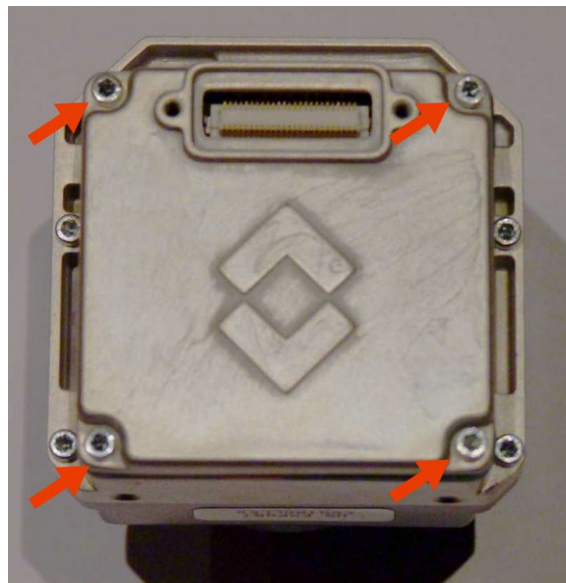
If your TAU Core has a VPC-module, please remove it by loosening the marked screws. The VPC-module and the two screws are not needed in the following process and can be put away.



## Step 2: Remove the back cover

Remove the back cover by loosening the marked screws. The back cover and the four screws are not needed in the following process and can be put away.

**Caution:** This will also release the main-board of the Tau core. It will be kept in place only by its internal wiring. Do not apply strong forces to the main-board at this and the following step. The internal wiring pulls the main-board down at the upper side of the TAU core, so that the main-board moves a little bit up at the other side when the screws are released.

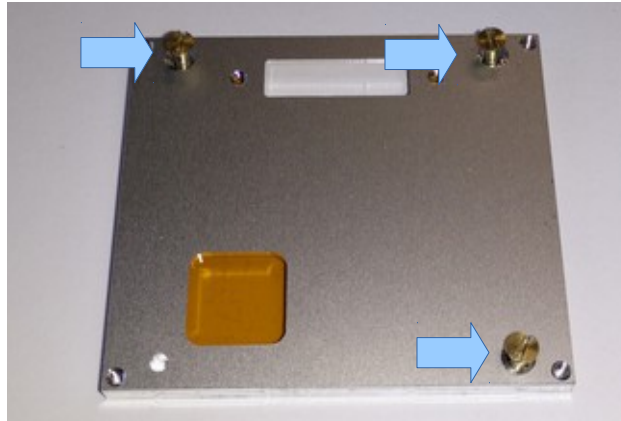


At the end of this step your TAU core should look like this:

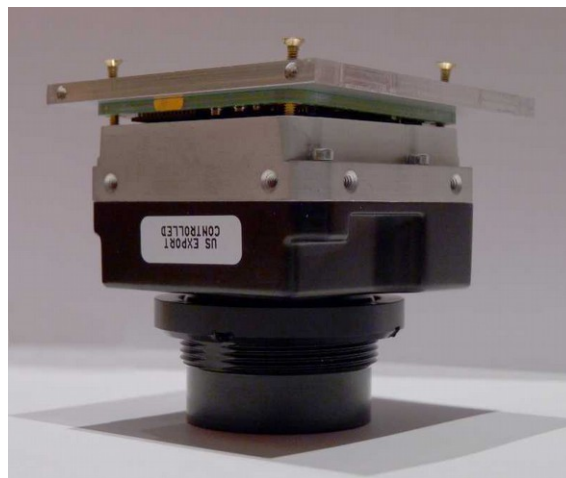


**Step 3: Apply the new back cover**

For this step you need the TC Aluminum ground plate and three M1.6x6mm countersunk screws from the screw set.



Stick the three screws through the marked holes and apply the back cover to the Tau Core carefully.

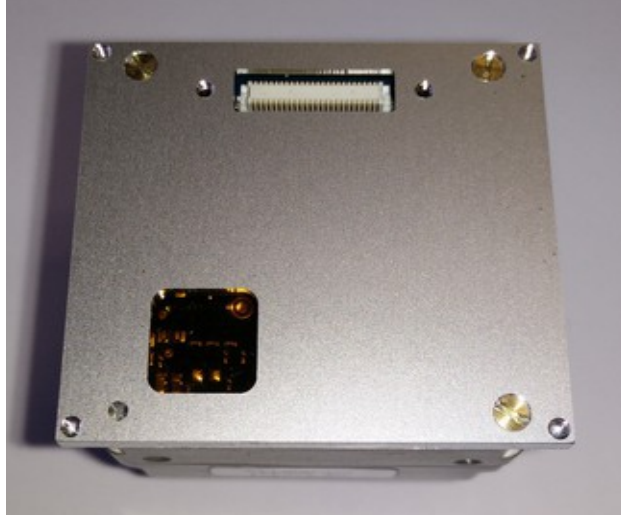


Tighten the screws carefully and make sure that the back plate does not cant. If it cants, loose the screws a little and try again. Do not apply strong forces to screws.

## ThermalCapture – Mounting

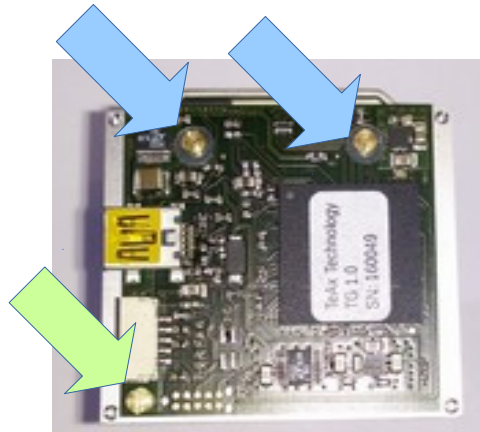
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After this step your TAU core should look like this:



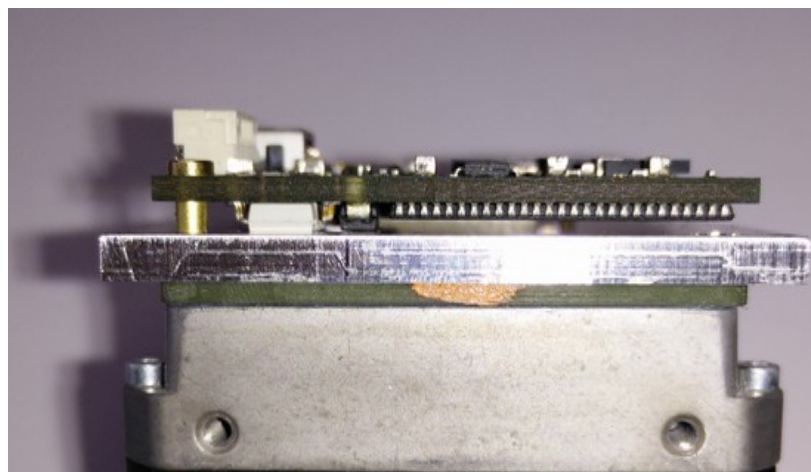
#### Step 4: Mount the ThermalCapture board

For this step you need the ThermalCapture board, 2x M1.6x6mm (at blue arrows) and 1x M1.6x10mm (at green arrow) screws, 2 isolating washers (2mm) and the small distance sleeve from the screw set.



Stick the screws through the marked holes and apply the distance sleeve to the screw at the green marked position. The distance sleeve must be added between the board and the ground plate.

Connect the ThermalCapture board to the TAU core carefully. Do not apply strong forces.



Be careful especially with the both screws near the connector. Tighten the screws not stronger than necessary to keep the board safely connected and in position. Tightening these screws too strong may damage the TAU core or ThermalCapture.

## ThermalCapture – Mounting

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After this step the result should look like this:





**Step 5: Apply the back cover**

For this step you need the TC Grabber USB cover and 4x M1.6x6mm screws from the screw set.



Mount the back cover and attach it with the four M1.6x6mm screws.







Congratulations! You have successfully mounted ThermalCapture to your Tau core. Please proceed with the chapters *wiring* and *software configurations* from the user guide.