

Optical filters

OPTICAL FILTERS USED IN KUROKESU PRODUCTS

DATASHEET

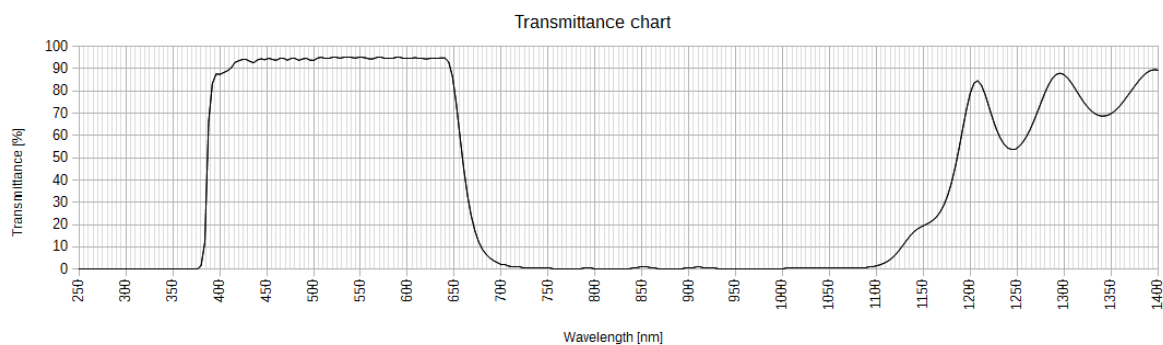
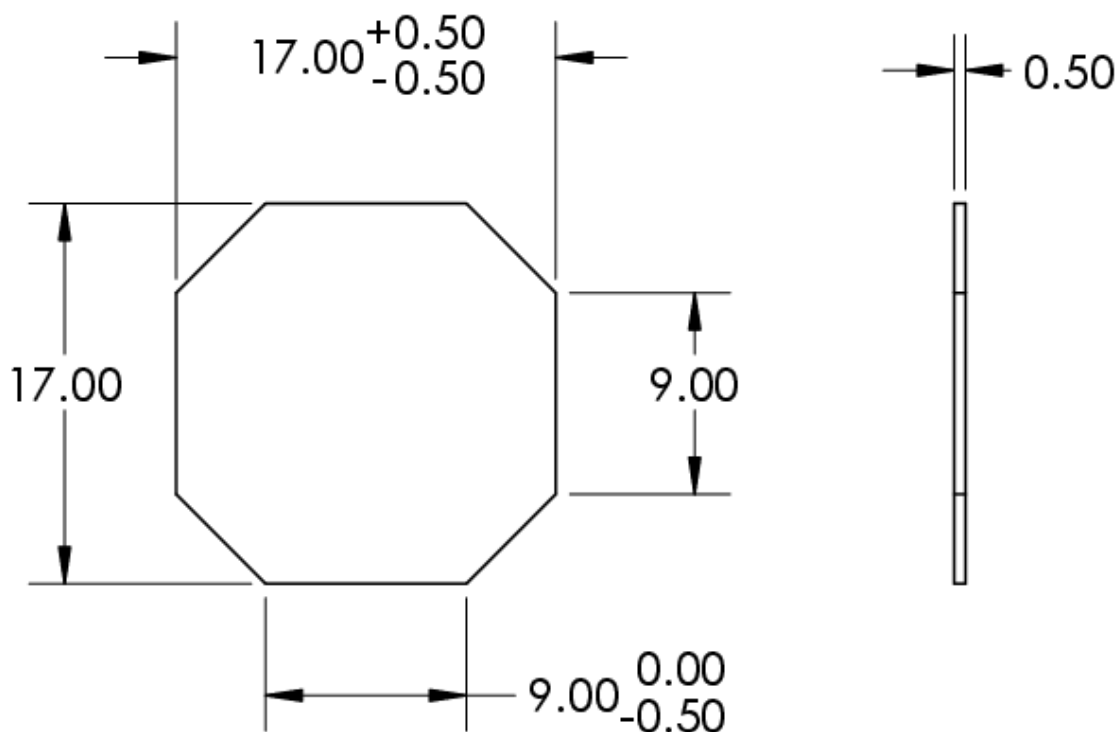


KUROKESU

2021-04-25, Rev. #6

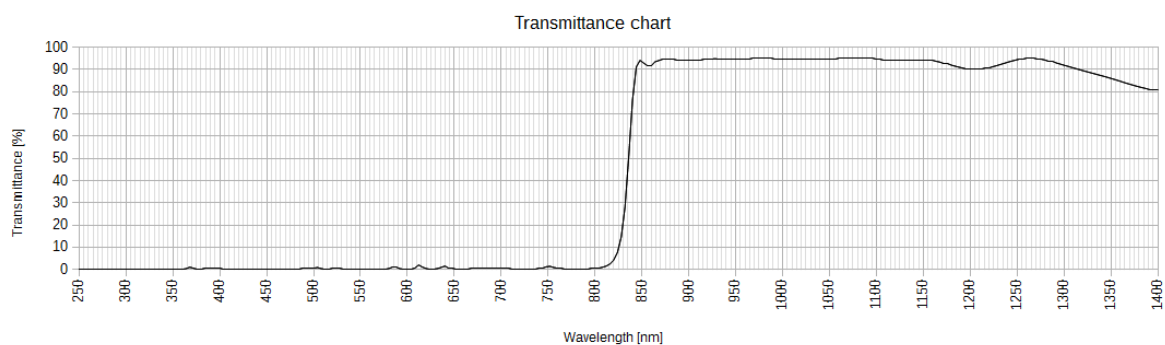
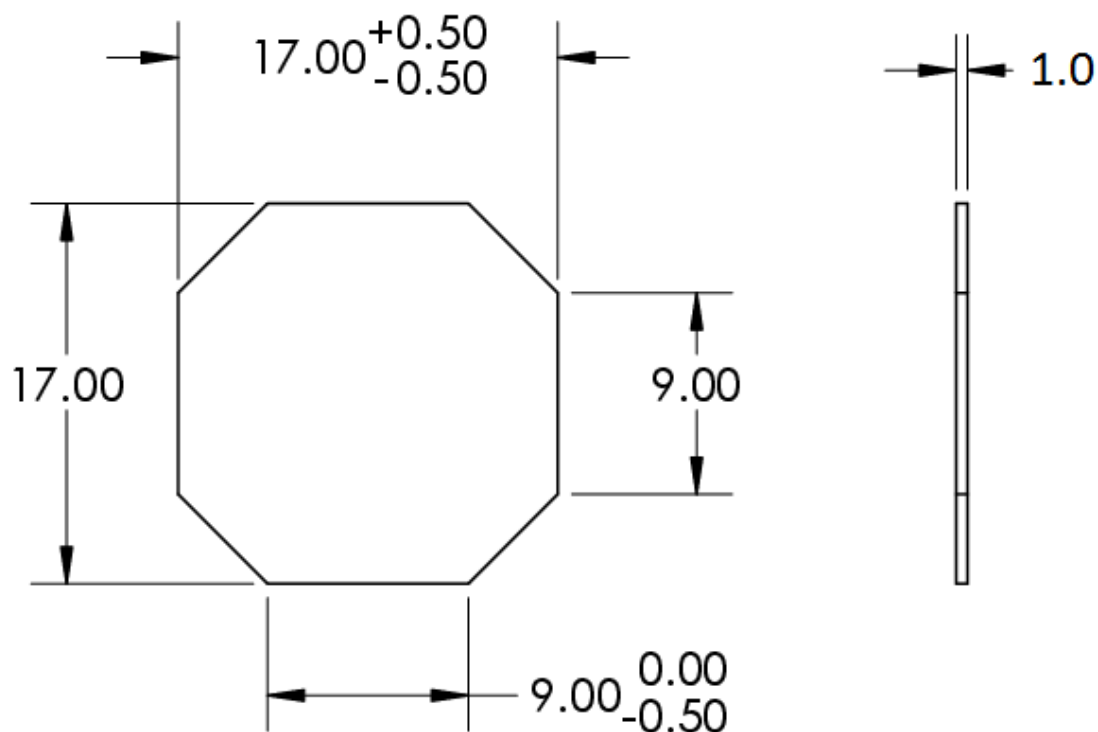
F2LOW650 - Shortpass pass filter 650nm

This filter is designed and manufactured for C1, C1 PRO, C920 and Brio reworked cameras but can be used for all other applications (like astronomy)



F2HIGH830 - Longpass filter 830nm

Longpass filter is manufactured for C1, C1 PRO, C920 and Brio reworked cameras but can be used for all other applications (like astronomy)



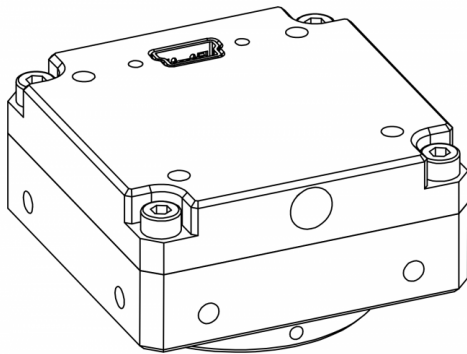
Replace filter in C1 and C1 PRO cameras

C1 and C1 PRO cameras can be ordered with filter options:

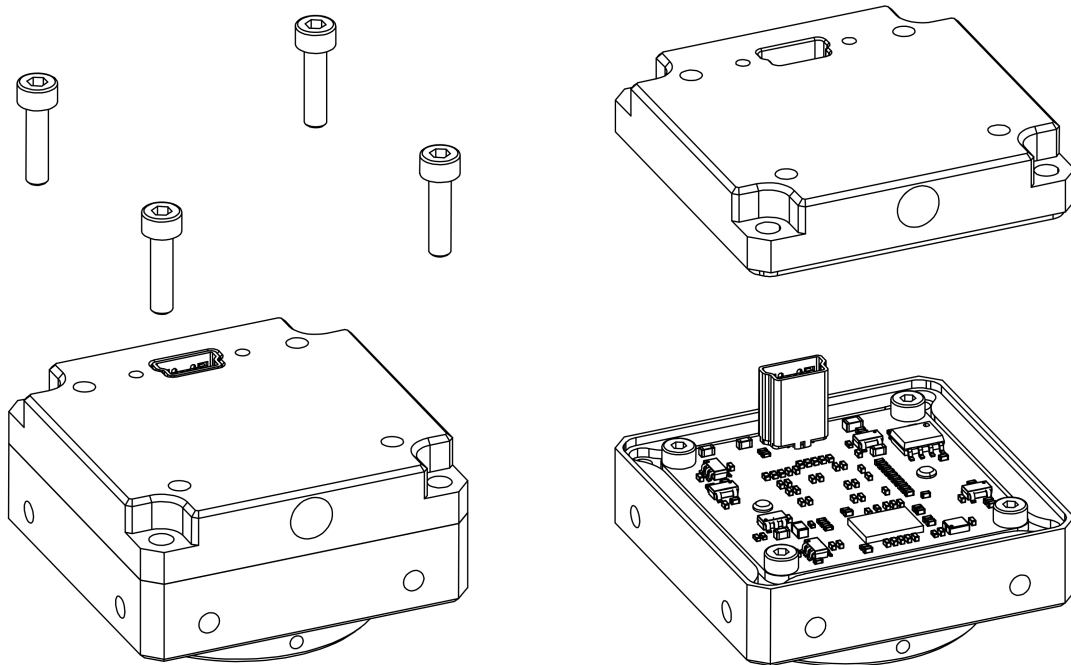
- 650nm short pass
- 850nm long pass
- No filter
- Custom

In order to replace a only some basic tools and possibly optics cleaning materials and consumables are needed.

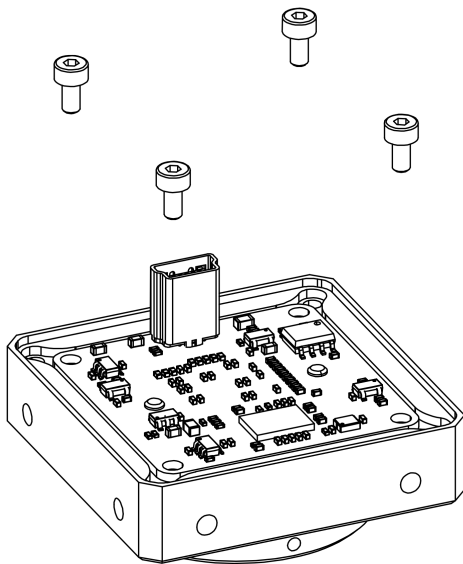
Make sure camera is clean so dust particles will not be transferred on a filter or imaging sensor.



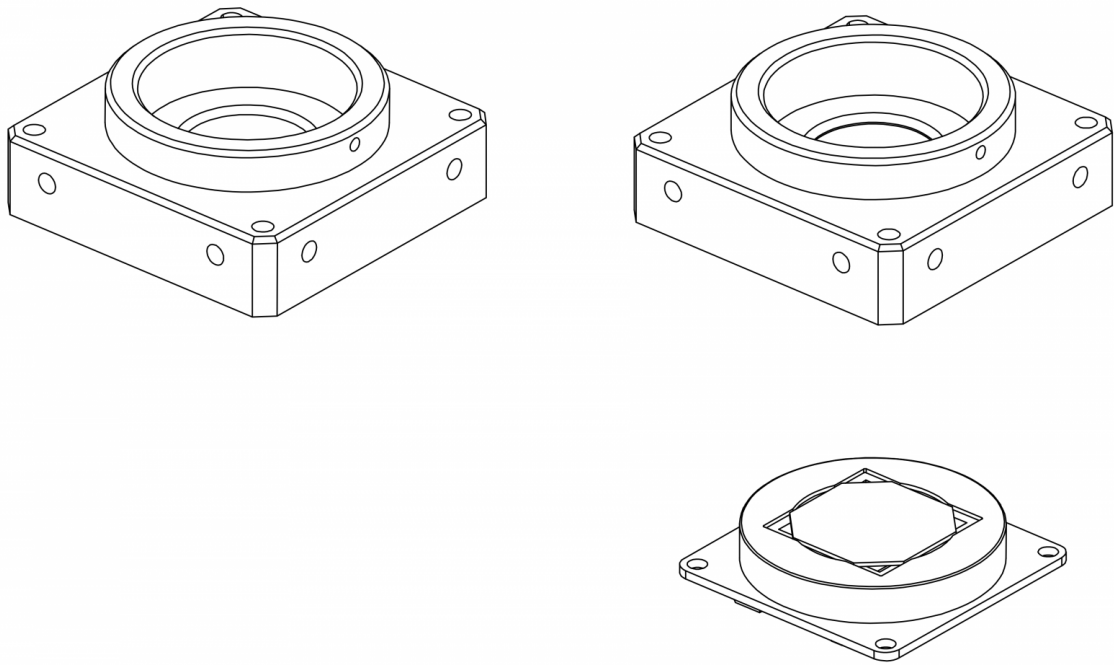
Unscrew 4 DIN912 M2.5x10 screws (recent models were updated with Torx T5 screws) and remove back plate



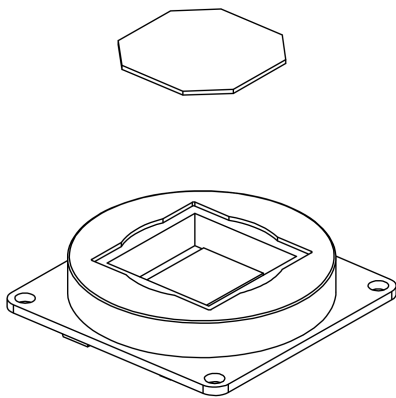
Unscrew 4 DIN912 M2x5 screws holding PCBA



Carefully flip camera holding everything together. Then lift front plate. Filter is resting on silicone spacer. Filter nor spacer is not glued, but will be slightly bonded to each other.



Remove filter with tweezers and replace with new one. Inspect optical path for possible dust. Clean if needed.



Assembly camera in reverse order.