



iOptron® iEFW-15
5-Position Electronic Filter Wheel
Instruction Manual

Product #3381

Electronic filter wheels (EFW) are filter wheels used with mono cameras for astrophotography. An iOptron electronic filter wheel, iEFW, requires a single USB-C type connection for powering and controlling.

iEAF Installation

1. Remove the screws securing the back cover and remove the cover
2. Set the iEFW on a flat surface with face down
3. Screw the filters into the threaded wheel positions
4. Replace the back cover and tighten the screws.





Connect iEFW to camera

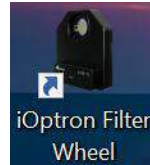
The iEFW has M42 interface on both sides. If a camera has a M42 threads, you may threaded it onto the iEAF directly. Make sure that the filters are closer to the camera sensor. A 1.25" nose piece or other suitable thread converter may be used to connect the iEFW to the telescope end or camera.



Driver Installation

For a PC control:

1. Download and install the iEFW ASCOM driver
2. Connect the iEAF to a USB port from a computer or a USB hub/cable management system
3. Run iOptron Filter Wheel by click on the desktop icon



4. Click on +1 or -1 to rotate the filter. There are 5 positions and it will stop moving further when the end unit is reached



For Linux or MacOS:

An INDI driver is included into the INDILib. Update the INDILib should enable the filter wheel connection from a control software, such as KStar/EKOS.