



WILLIAM OPTICS

REDCAT 71

QUICK START GUIDE



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PARTS



2GT Gear Ring [F]

153 teeth, Diameter 98mm, width 8mm



- A. M48 Dust Cap/Thread
- B. Tilt Adapter
- C. Camera Angle Rotator
- D. Rotator Tension Knob
- E. Saddle Handlebar
- F. Helical Focuser with 2GT Gear Ring
- G. Arca Swiss/Vixen Plate
- H. Mounting Rings
- I. Dew Shield with Focus Tension Ring
- J. Super Bright Bahtinov Mask

Focuser Tension Adjustment [I]

Helical focuser tension can be adjusted using a dew shield which is also a focuser tension ring. To add the tension, you have to turn the dew shield counter clockwise. Focuser cannot be completely locked. Adding too much tension can damage the focuser.

Camera adapter

Remove part [A] M48 Dust Cap from the Redcat, make sure the [D] rotator tension knob is tightened then attach the T-Mount that is compatible for your Camera or CCD.



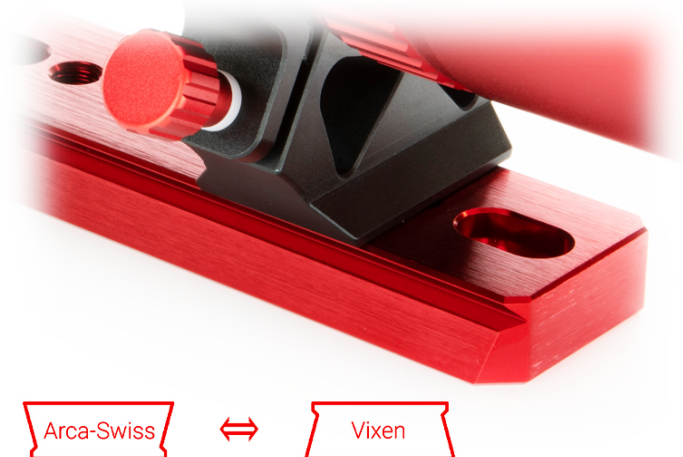
Rotator

Loosen Rotator Knob part [D] to set camera to the desired angle. Please make sure the camera mount is tightened prior to this step.

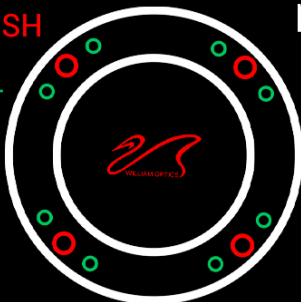


Base Mounting Options

Mounting Plate [G] can be inverted for two types of mount, Arca Swiss or Vixen. Remove screw on the bottom of the Mounting Ring, flip it over to change mount type, or slide forward/backward to change balance position. The default is Vixen.



PUSH
PULL



Camera Sensor Tilt
Fine Adjuster

part [B]



48mm filter Installation

Take off Redcat 71 M48 converter adapter and install 48mm filter into the back.



REDCAT 71 OPTIONAL ACCESSORIES

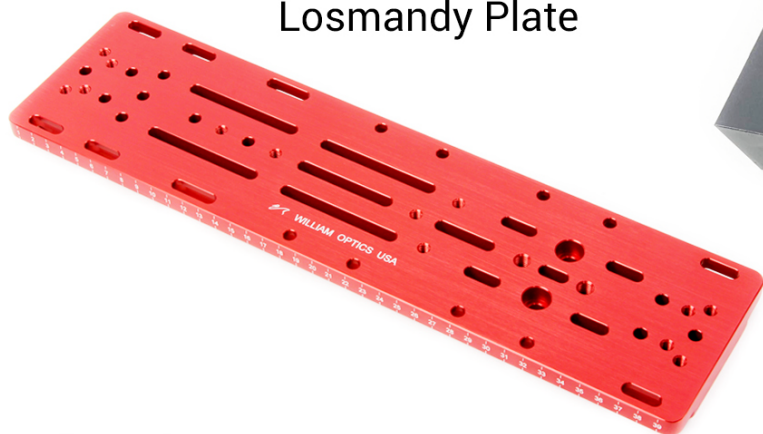


Camera Mount

Canon / Nikon / Sony α /
Fuji / Pentax / Micro 4/3

Cinematography

Losmandy Plate



EAF Motor KIT
(Bracket & belt only)

Astrophotography



Red Dot Sight



STC
Astro-Multispectra Filter
Astro Duo-Narrowband Filter



M-G50RIII + M-GR50IIRD
(optional)

REDCAT 71 SPECIFICATION

- **Focal Length** : 348mm
- **Diameter** : 71mm
- **Aperture** : f/4.9
- **Focuser** : Helical Focuser
with 2GT Gear Ring
- **Image Circle** : >43mm
- **Tube Length** (with dew shield) : 435mm
- **Dew Shield Circumference** : 323.4mm
- **Dew Shield Diameter** : ϕ 103mm

