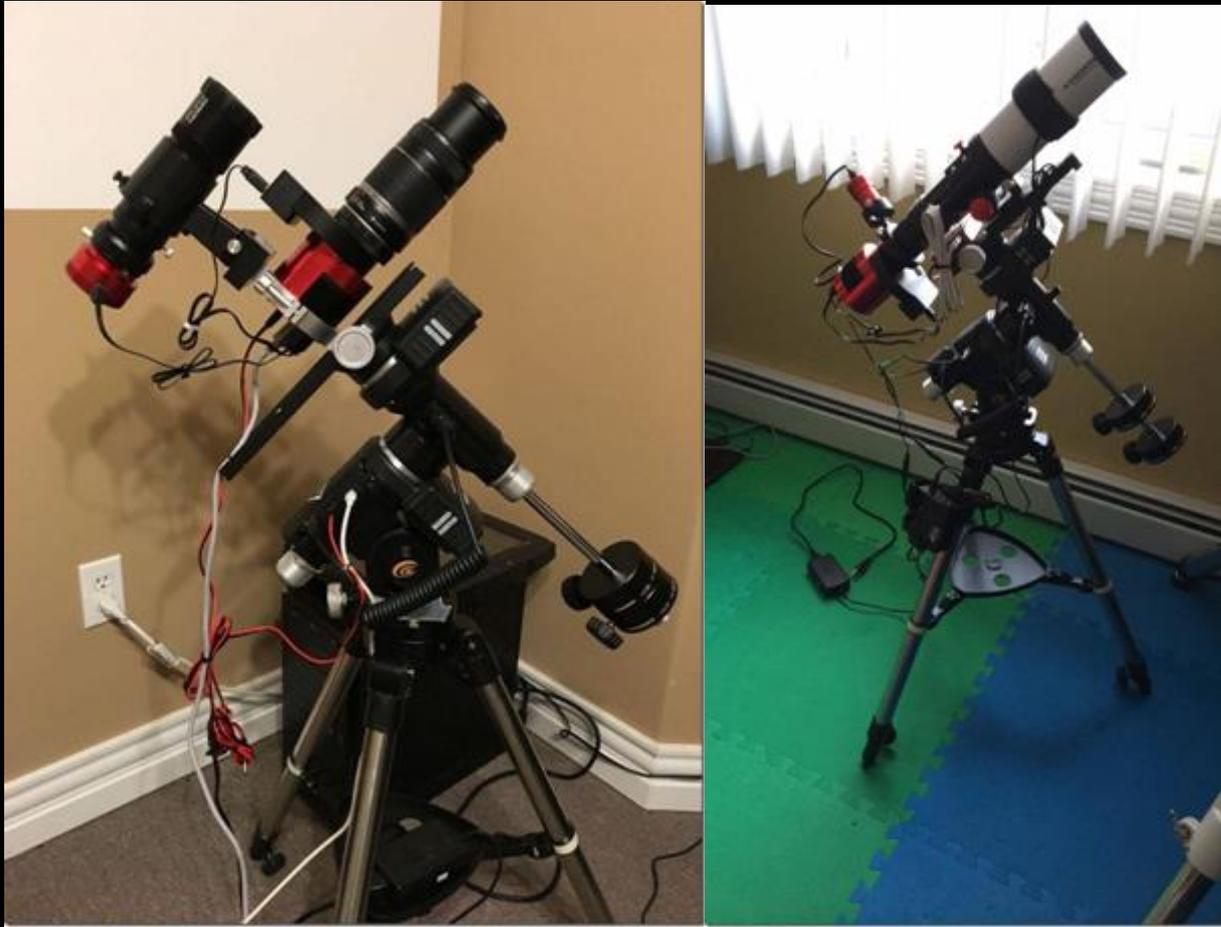


## iEXOS-100 first light



Dear Partners

Customers are starting to use the iEXOS100 as a GOTO Tracker Mount. Here is a recent image posted by iEXOS 100 mount customer Jim Johnston of the Heart Nebula IC 1805 taken with his Canon lens and deep sky astronomy camera. Here are his comments about the image. This image is a stack of 33 5-minute sub frames, needless to say Jim Johnston is impressed with the result.

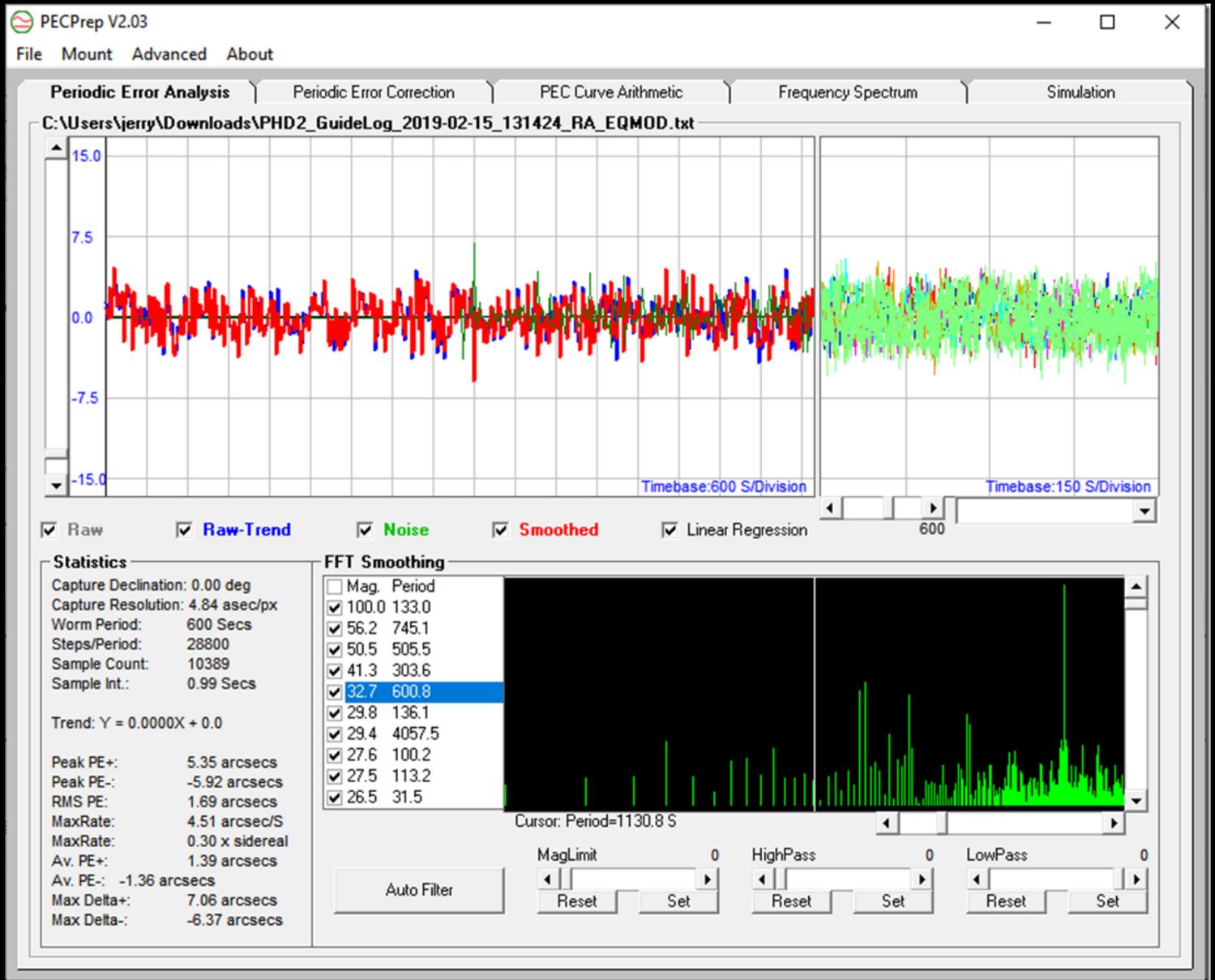
*“First image taken with iEXOS 100 mount, ASI1600mm-cool and Canon 55-250 mm lens (shot at 135 mm). Amazon shipped the wrong Samyang 135mm lens to me so I am waiting for my replacement to arrive. This image consists of 33 5 minutes subs. I also include a pic of my guide graft and guiding log for those interested. Image acquired using SGP and Guiding via PHD2. All connected to mount via ASCOM using wired connection and POTH Hub. Guide scope was Orion 50mm mini guide scope and ASI224mc camera.”*

Here are the details of this image from Astrometry.net:

[http://nova.astrometry.net/user\\_images/2672251#annotated](http://nova.astrometry.net/user_images/2672251#annotated)

The calculated Focal Length is:	167 mm
Center (RA, Dec):	(40.767, 61.097)
Center (RA, hms):	02 <sup>h</sup> 43 <sup>m</sup> 03.999 <sup>s</sup>
Center (Dec, dms):	+61° 05' 47.915"
Size:	6.05 x 4.47 deg
Radius:	3.759 deg
Pixel scale:	13.6 arcsec/pixel
Orientation:	Up is 315 degrees E of N

His PHD2 guide log analyzed using PECPrep indicated a guide error of 1.69 arc-sec RMS which is excellent for this small mount.



Yours  
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