

## Managing IR in Video Astronomy

by Jim Thompson, P.Eng

Test Report #3 – September 9<sup>th</sup>, 2011 Addendum

A number of people wonder how the different filter configurations tested would have compared if I had adjusted the white balance for each filter. I have post processed the captured images for the max INT case in an attempt to mimic adjusting the WB on the MallinCam. I have also adjusted the tone balance in order to bring out as much detail from the screen capture as possible, within what my abilities can achieve in about an hour.



Filters – 8sec INT, 0 BRT, 36° ALT



IR Cut – 10sec INT, 0 BRT, 39° ALT



LPS-P2 – 20sec INT, 0 BRT, 41° ALT



UHC-S – 25sec INT, 0 BRT, 44° ALT



UHC - 45sec INT, 0 BRT, 48° ALT



#29 Dark Red – 65sec INT, 0 BRT, 54° ALT



680 Pass – 120sec INT, 0 BRT, 63° ALT



No Filters – 15sec INT, 0 BRT, 65° ALT

Correcting the white balance was not as easy as I expected, which makes me wonder about how well the camera would have managed during the broadcast. After making the adjustments/corrections to the images, my conclusions are the same as before.

If you have any questions, please feel free to contact me.

[top-jimmy@rogers.com](mailto:top-jimmy@rogers.com)