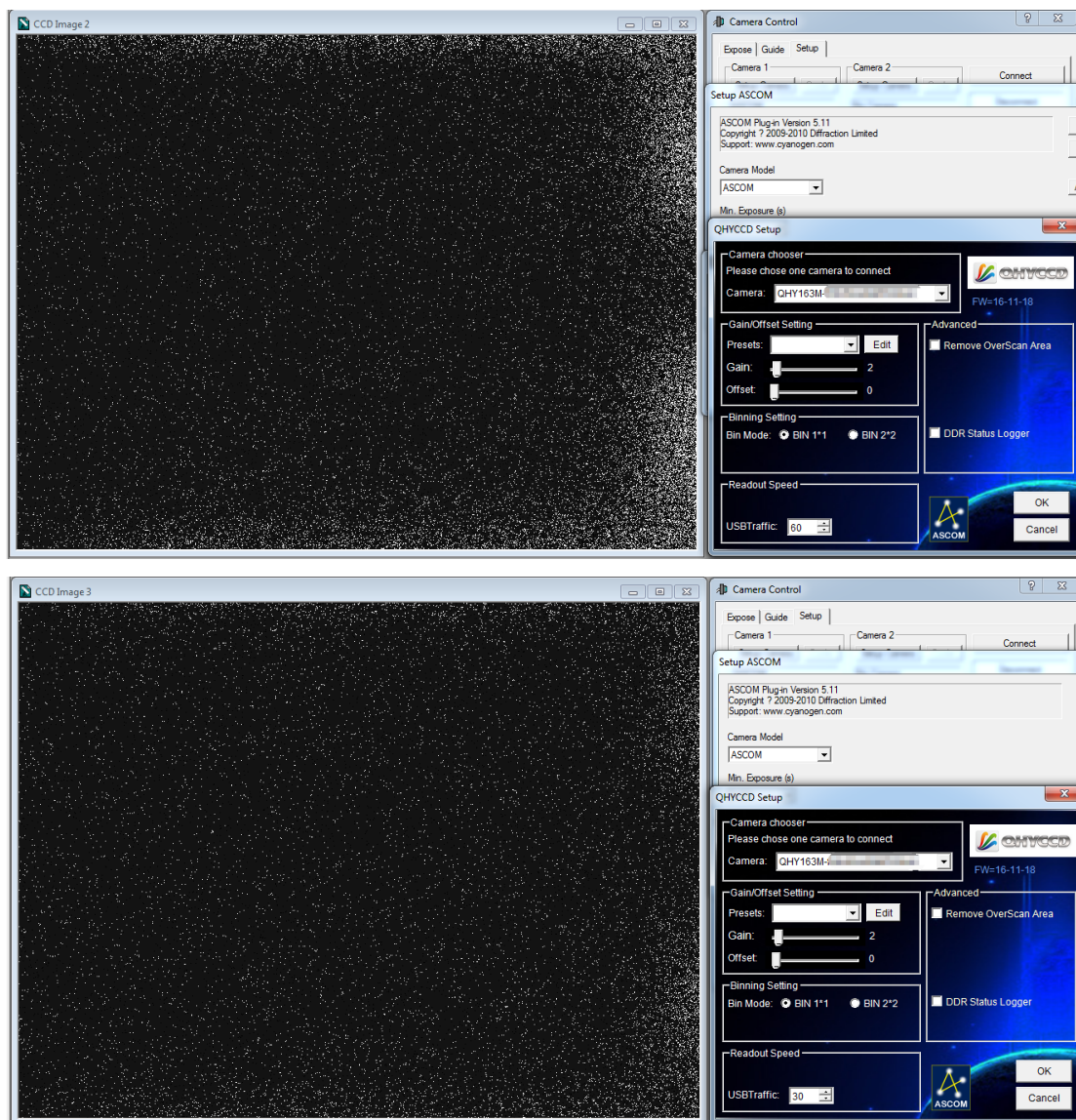


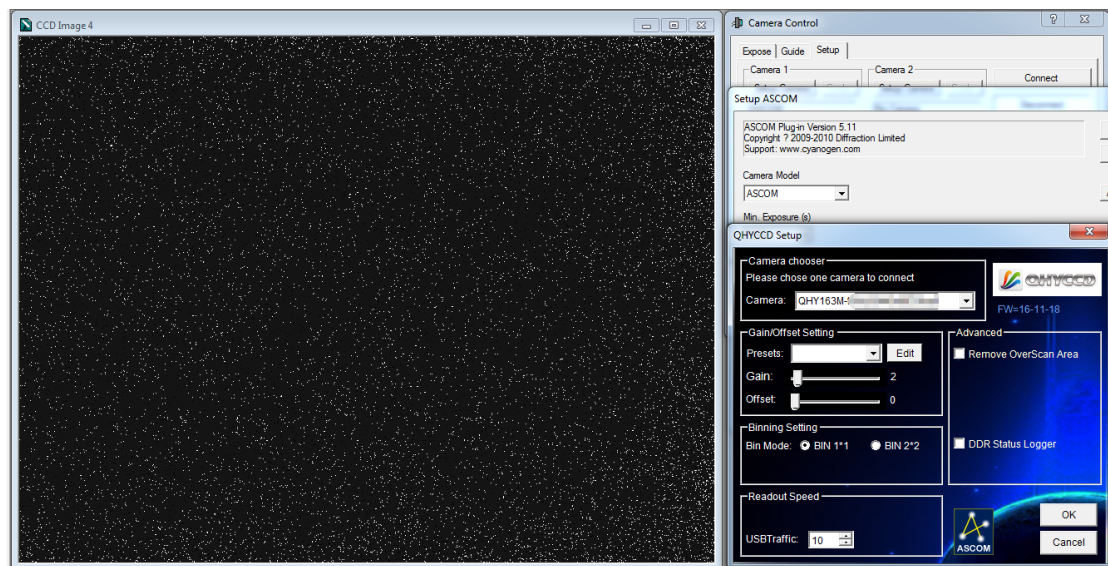
## How to reduce the amplifier glow of QHY163M?

Some users say there is amplifier glow on their images shot by using MaxIm. Part of the glow is produced during the readout process of CMOS, so by turning down the USB traffic value, we can increase the transfer speed of images, decrease the readout time so that the glow can be reduced.

### Group one:

The three following images are all taken when exposure time is 10s, Gain=2, Offset=0, and the temperature is -15°C, and the only difference between them is the USB traffic value. The USB traffic value of each following image is 60, 30, and 10. It's shown that turning down the USB traffic value can significantly reduce the amplifier glow.





### Group two:

The four following images are all taken when exposure time is 200s, Gain=2, Offset=0, and the temperature is -15°C, and the only difference between them is the USB traffic value. The USB traffic value of each following image is 60, 30, 10, and 1. It's also shown that turning down the USB traffic value can significantly reduce the amplifier glow.

