

Re: Deep Sky Imager II Noise Reduction

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On 18 Nov 2006 08:40:11 -0800, info@xxxxxxxxxxxxxxxxxxxxx wrote:

Klaus,

I know a little bit about this – Meade's software matches each light exposure taken at a certain temperature to a "dark" exposure taken at the same temperature. This ensures noise is minimized. Also, the CCD chip in the DSI II has lower dark current noise than a DSI I chip.

Subtracting dark exposures does not reduce noise. In fact, they typically increase noise. Darks are used to reduce certain types of fixed pattern problems.

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