

## Exposure and Binning Help

SPIRIT Telescopes have exposure and binning limitations. Please read before submitting image requests.

### Exposure Length – All Telescopes

Beginners: start with exposures of 60 seconds or less

Advanced use: the maximum recommended exposure is 300 seconds

### Binning Mode

#### SPIRIT 2

Always use Binning 3 for SPIRIT 2

#### SPIRIT 3 & 4

Always use Binning 2 for SPIRIT 3 & 4

#### SPIRIT 6

Always use Binning 1 for SPIRIT 6

#### Additional Notes

*Images taken with non-recommended binning modes may not be calibrated.*

*Maximum exposure time is limited by mount tracking accuracy.*

*Dark frames are acquired at the maximum recommended exposure, and scaled for shorter exposures as part of automated calibration.*