



STAR & NIGHT

GUIDE



DIGITAL SLR

Full-frame, APS-C,
Micro 4/3 camera



WIDE ANGLE LENS

24mm or wider, fast
aperture f/2.8 or lower



TRIPOD

Stable with
attached ballhead

CAMERA SETTINGS

- » shoot **RAW**
- » **LIVE** view
- » turn off **IS/VR**
- » noise reduction **OFF**
- » **histogram** to check exposure
- » All manual mode
- » **WHITE BALANCE** 3700K-4200K

PIN POINT STARS

- » **ISO** 3200-6400
- » **APERTURE** smallest (f/2.8)
- » **SHUTTER RULE** of 500

STAR TRAILS

- » **ISO** 400-800
- » **APERTURE** (f5.6-f8.0)
- » **SHUTTER** 1-2 minutes

FINDING FOCUS

METHOD 1: Infinity focus

METHOD 2: Live View

METHOD 3: Illuminate subject

SHUTTER: RULE OF 500

500/lens focal length =
longest shutter speed for pin point stars

FULL FRAME

500/24mm
= 21 seconds

CROP SENSOR

500/(24mm x 1.5)
= 14 seconds

Canon x 1.6

Nikon/Fuji x 1.5



www.outdoorphotojourney.com