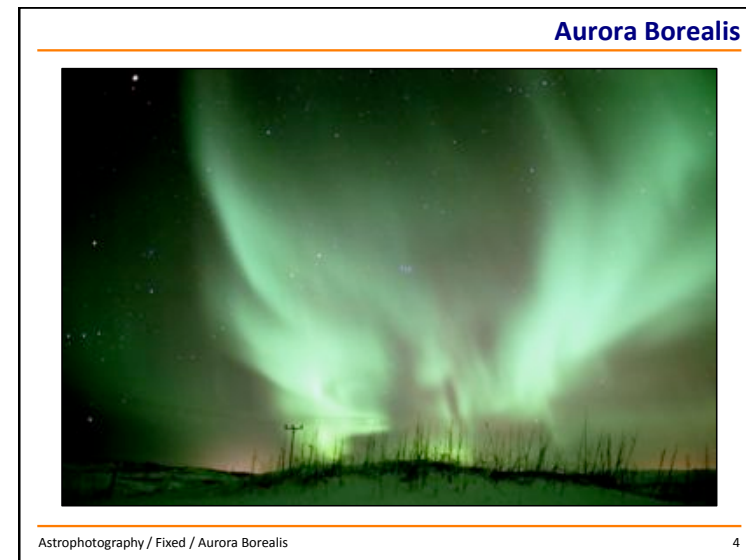
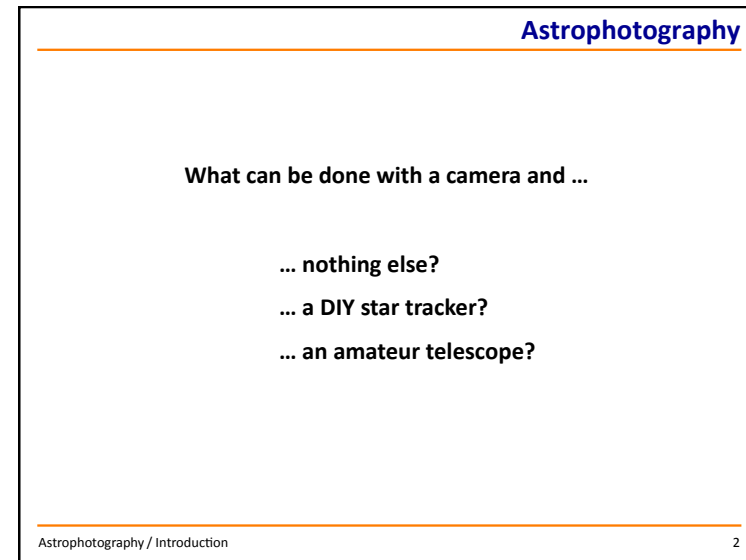
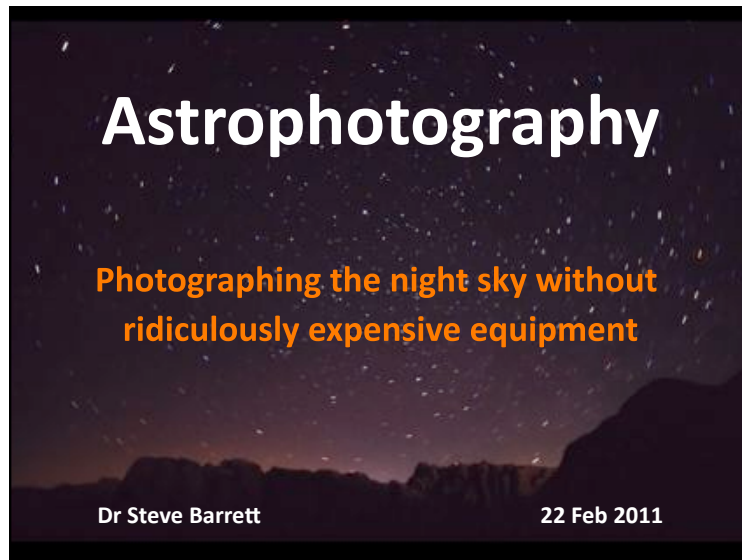
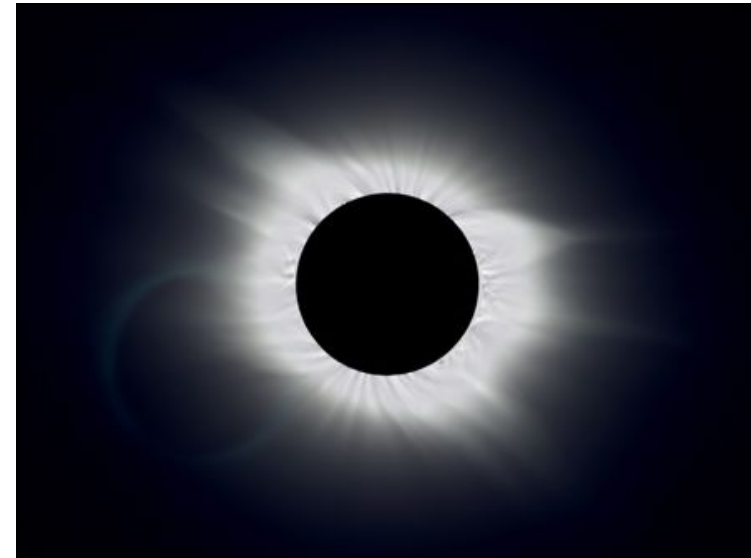
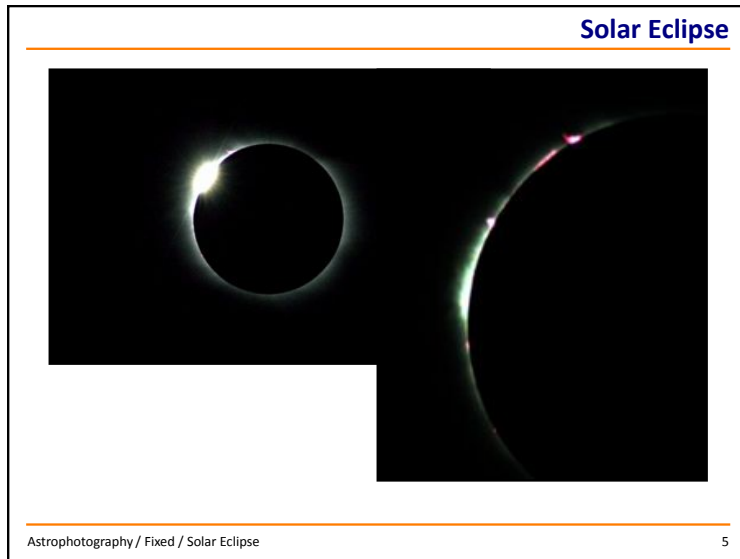


Astrophotography



Astrophotography



Tracking the Stars

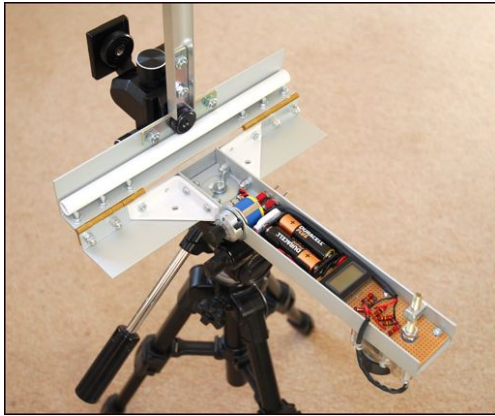
How can the sky be photographed without the stars trailing?
Build a device to compensate for the Earth's rotation — a star tracker.

Ideally...	For K2 this means...
Compact	Footprint no larger than A4
Light	Less than 1 kg
Strong	Able to support a digital SLR
Accurate	Exposures of up to 15 minutes
Battery operated	AA batteries
Low power	Run for ~ 6 hours
Cheap	Cost < £50 for all components
Easy to construct	Manual tools (no workshop)

Astrophotography / Star Tracker 8

Astrophotography

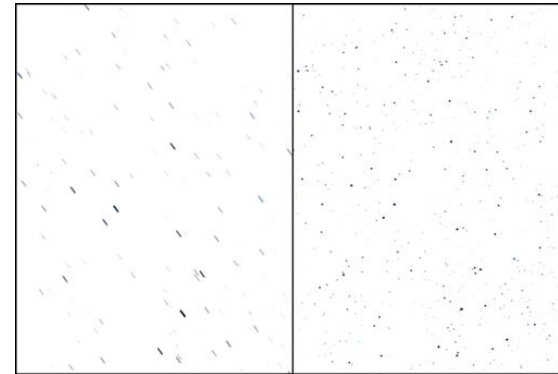
K2 Star Tracker



Astrophotography / Star Tracker

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K2 Star Tracker



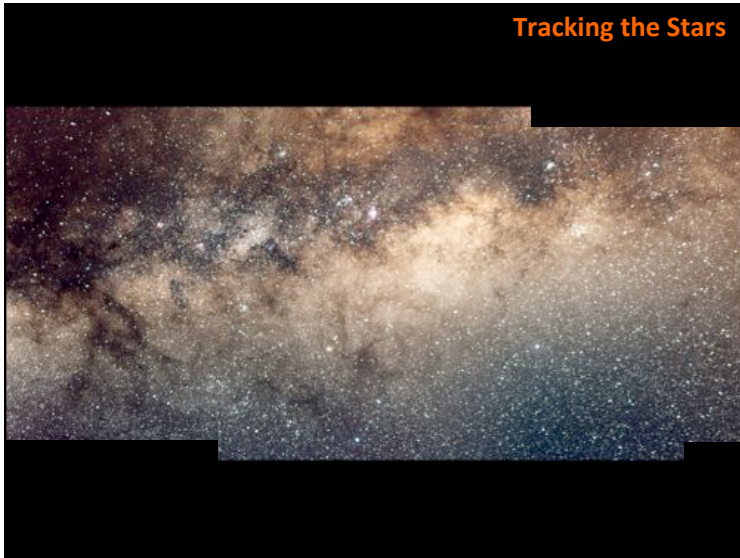
K2 off

K2 on

Astrophotography / Star Tracker

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Tracking the Stars



Telescopes



Astrophotography / Telescopes

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Astrophotography



Saturn Video



Astrophotography / Telescopes / Saturn

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Orion Nebula



Astrophotography / Telescopes / M42 Orion Nebula

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Pleiades Cluster



Astrophotography / Telescopes / Piggy-Backing / M45 Pleiades

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Astrophotography

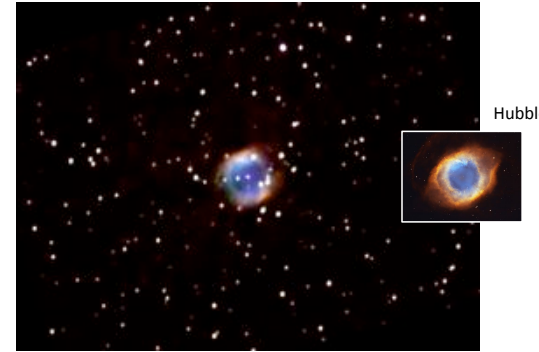
Andromeda Galaxy



Astrophotography / Telescopes / Piggy-Backing / M31 Andromeda Galaxy

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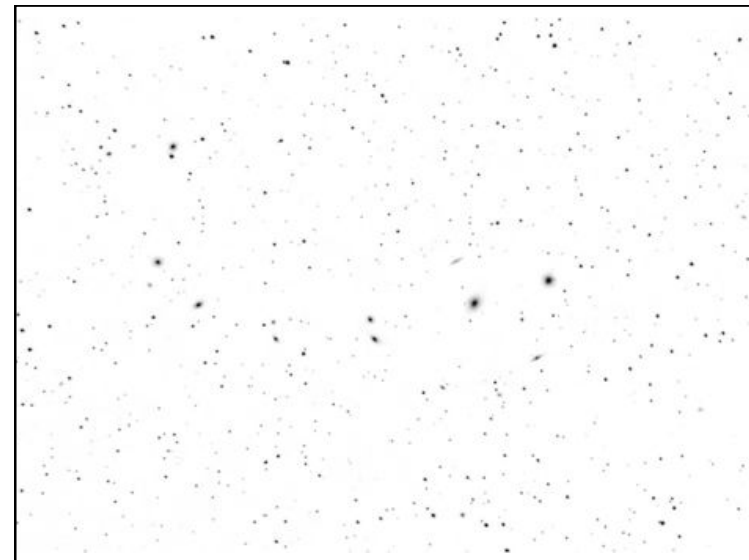
Helix Nebula



Astrophotography / Telescopes / Piggy-Backing / C63 Helix Nebula

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Markarian's Chain



Astrophotography

