

Kepler Image Time Stamp

Accurate, Sensitive, Waterproof

The Kepler Image Time Stamp (KITS) is an embedded receiver and antenna that plugs directly into the Kepler's 8-pin AUX port. When the antenna has locked on to a GPS or GLONASS signal, it automatically includes the start time and stop time for an image.*

The KITS module was developed to combat the relative inaccuracies of a PC's clock, allowing the user to accurately record the initiation and length of an exposure. The module relies on GPS to set the time and synchronize the internal clock to the GPS second.

* Includes the start time, latitude, and longitude in an image's FITS header (UTC, Greenwich Time).



Kepler compatible

Compatibility	GPS, GLONASS
Waterproof	IEC 60529 IPX7
GPS Sensitivity	-185 dBW (min)
Time Stamp Accuracy	+/- 5 Microseconds
Satellites in View	Up to 12
Reported	UTC, Lat/Long
Weight	201 g
Diameter	96.1mm
Height	49.5mm
Operating Temperature	-30C to +80C
Storage Temperature	-40C to +90C

KITS Mounting Information

