GeoSnap PPK
High Accuracy Geotagging.
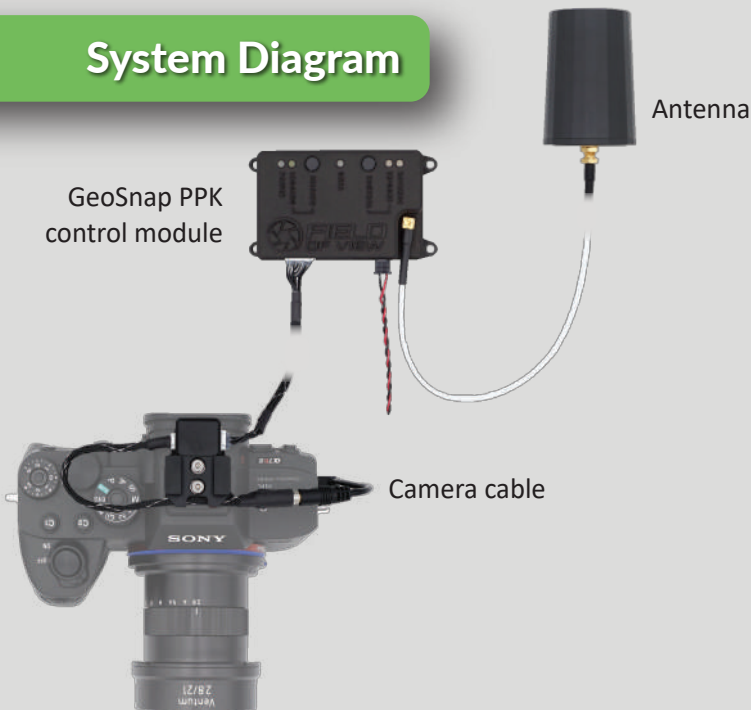
FIELD OF VIEW™

What is the GeoSnap PPK?

The GeoSnap PPK is a precision geotagging and triggering system for professional drone operators.

It is compatible with most high-end Sony, Nikon, Canon, Phase One, and MicaSense cameras.

System Diagram

Antenna

GeoSnap PPK control module

Camera cable

Integration Kits Available

Geosnap PPK with M600 Pro integration kit

Geotagging

- Check geotag count and quality immediately after a flight
- Embed geotags in image Exif using desktop software
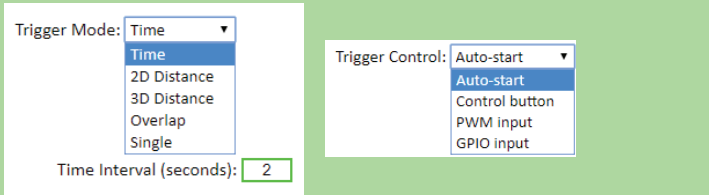
Triggering

- Plug-and-play cabling
- Time, distance, and overlap options for autonomous triggering
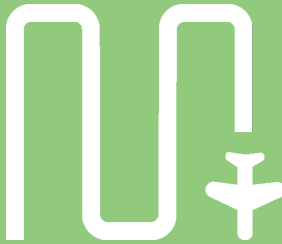- Accepts PWM trigger commands from flight controllers

PPK Accuracy

- Raw GNSS data recording
- Compatible with EZSurv PPK software
- Centimeter level accuracy
- Reduce or eliminate the need for ground control points

Email **info@fieldofviewllc.com** or call **+1 701-203-3757** for more information

Workflow

Configure the GeoSnap PPK trigger settings

Trigger Mode: Time ▼
- Time
- 2D Distance
- 3D Distance
- Overlap
- Single

Time Interval (seconds): 2

Trigger Control: Auto-start ▼
- Auto-start
- Control button
- PWM input
- GPIO input

Fly the mission

Retrieve files from the GeoSnap PPK

📄 Events file (.txt)

📄 Raw binary file (.bin)

Perform PPK post processing

EZSurv®
GNSS Post-Processing.

Stitch images, check accuracy

Agisoft   PIX4D

Specifications

GeoSnap PPK

Control module size	90 x 50 x 28 mm (3.6 x 2.0 x 1.1 in)
Weight[1]	206 grams
Input voltage	5.5 V to 25 V
Power draw	< 5 watts
Maximum event rate	1 image every 0.3 seconds
GNSS data rate	20 Hz
GNSS signals received	GPS L1CA/L1P/L1C/L2P/L2C GLONASS G1/G2
Uncorrected accuracy[2]	30 cm
Post-processed accuracy[3]	2 cm

1. Includes antenna, control module, hotshoe module, and cabling.
2. Horizontal RMS accuracy at the antenna with SBAS. Depends on multi-path environment, number of satellites in view, satellite geometry, and ionospheric activity.
3. Horizontal RMS accuracy at the antenna with a local base. Depends on multi-path environment, number of satellites in view, satellite geometry, ionospheric activity.

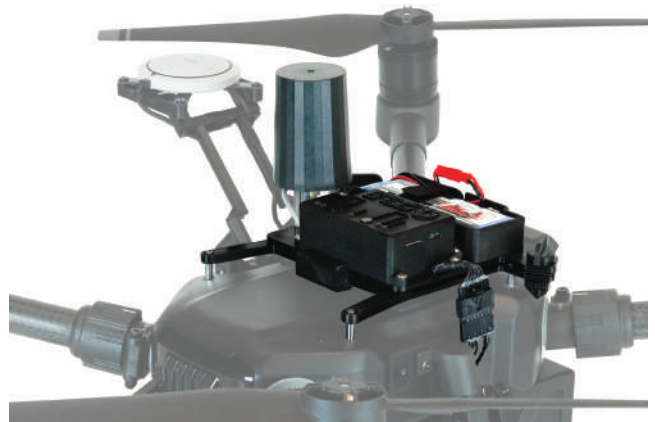## GeoSnap PPK with M600 Pro Integration Kit

Weight[4]	648 grams
Mount style	Quarter-turn quick release
Special Feature	5/8" x 11 survey pole mount built-in for checking accuracy
Compatibility	M600 Pro, M600

4. Includes antenna, control module, hotshoe module, M600 Pro mounting hardware, battery, and cabling.

GeoSnap PPK with (beta) M210 Integration Kit

Weight[5]	356 grams
Mount style	Quarter-turn quick release
Special Feature	Works with MicaSense "M200/M210 Quick Mount Kit" installed
Compatibility	M210 V1, M210 V2, M210 V1 RTK, M210 V2 RTK

5. Includes antenna, control module, M210 mounting hardware, battery, and cabling.

Geosnap PPK with (beta) M210 integration kit