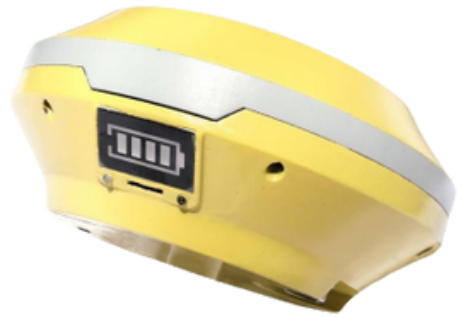
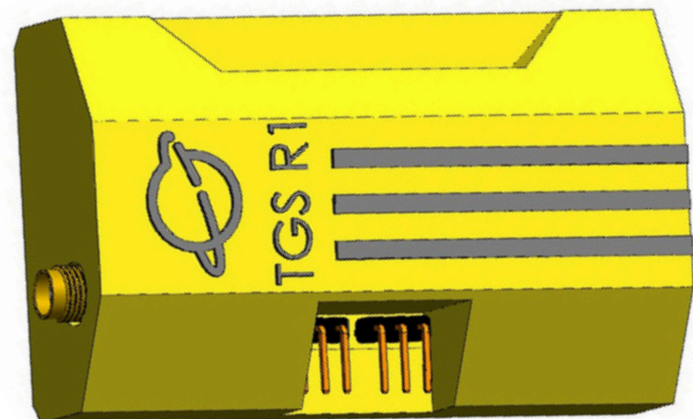
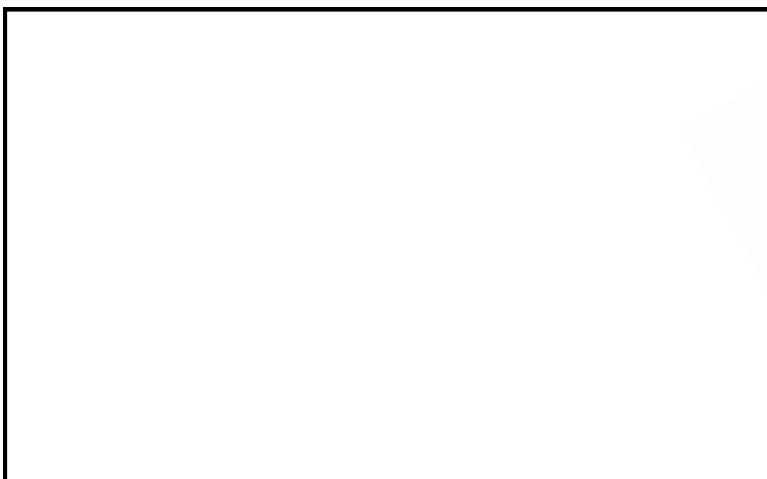
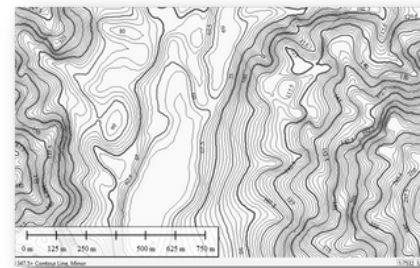
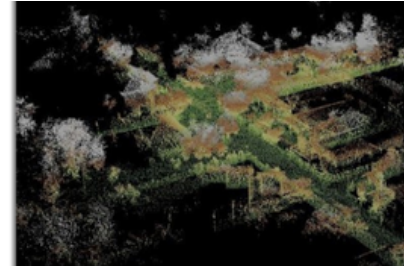


TGS R-Series



UAV Mapping kit is equipment and software used for mapping using unmanned aircraft or drones. UAV mapping kits typically consist of several components necessary to collect high-accuracy geospatial data, such as aerial maps, surface models, or satellite imagery.

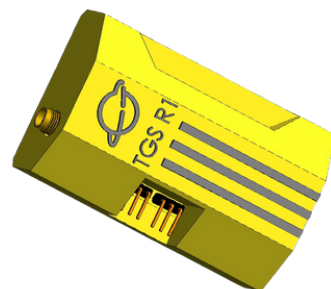
Using a UAV mapping kit, users can collect geospatial data quickly and efficiently, and then use processing software to produce valuable information for a variety of applications, including land mapping, environmental monitoring, urban planning, and more. This technology has become essential in a variety of industries and applications that require accurate and up-to-date geospatial data.





TGS R-Series

UAV MAPPING KIT



VTOL



Drone Chopter



Fixedwing

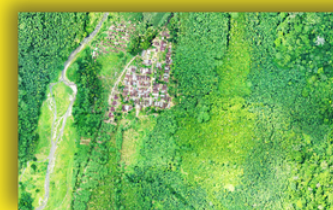
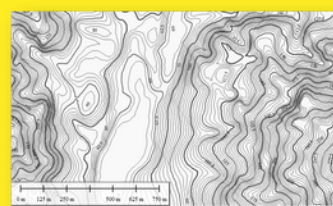
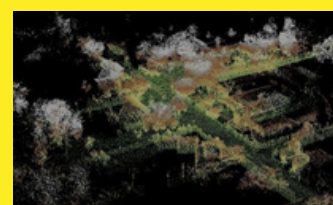


DJI Phantom 4

*Compatible With

Equipment and software used for mapping using unmanned aircraft or drones. **UAV mapping kits** typically consist of several components necessary to collect high-accuracy geospatial data, such as aerial maps, surface models, or satellite imagery.

Using a **UAV mapping kit**, users can collect geospatial data quickly and efficiently, and then use processing software to produce valuable information for a variety of applications, including land mapping, environmental monitoring, urban planning, and more. This technology has become essential in a variety of industries and applications that require accurate and up-to-date geospatial data.





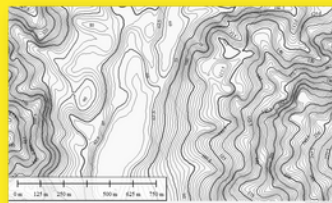
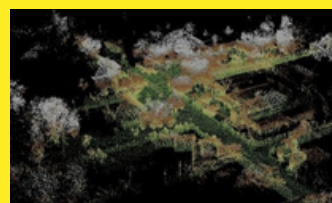
UAV MAPPING KIT



About UAV Mapping Kit

Equipment and software used for mapping using unmanned aircraft or drones. **UAV mapping kits** typically consist of several components necessary to collect high-accuracy geospatial data, such as aerial maps, surface models, or satellite imagery.

Using a **UAV mapping kit**, users can collect geospatial data quickly and efficiently, and then use processing software to produce valuable information for a variety of applications, including land mapping, environmental monitoring, urban planning, and more. This technology has become essential in a variety of industries and applications that require accurate and up-to-date geospatial data.



*Compatible With



VTOL



Drone Chopter



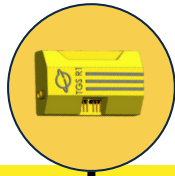
Fixedwing



DJI Phantom 4

UAV MAPPING KIT

DETAILS

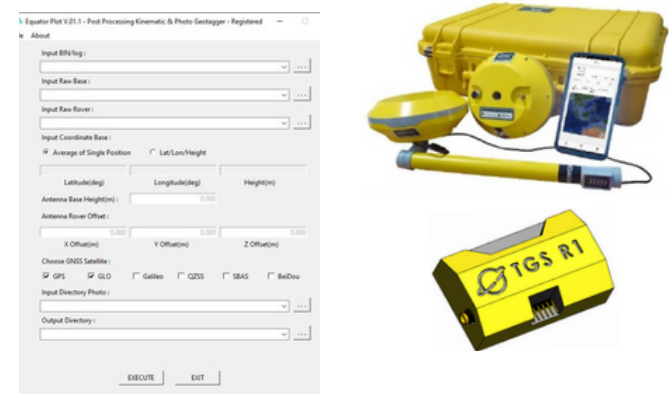


MODUL R1

BASE SYSTEM.....

GNSS PPK	
Type	: Single Frequency GNSS
Weigth & Dimmension	: 80 gram 7 mm x 1,5 mm x 4,5 mm
Antenna	: Quadrifilar Helix Antenna, IP167
Accuracy	: 0.01 m + 1 ppm
GNSS Channel	: 72-channel u-blox M8 engine GPS/QZSS L1 C/A, GLONASS L10F, BeiDou B1 SBAS L1 C/A: WAAS, EGNOS, MSAS Galileo-ready E1B/C
GNSS Data	: RAW/RINEX
GNSS Base System	: GNSS Geodetic Multi Frequency GNSS
GNSS Software	: Equator Plot - Post Processing Kinematic

TGS GNSS EQ 1	
Receiver Type	: Multi-band GNSS high precision receiver
GNSS Channel	: 184 - Channel Multiband GNSS, GPS L1C/A L2C, GLO L1OF L2OF, GAL E1B/C E5b, BDS B1I, QZSS L1C/A L2C
Accuracy	: 0.01 m + 1ppm
Positioning Performance	: Cold starts : 25s Hot starts: 2s Aided Start: 2s
Real Time Kinematic (RTK) Surveying	: Horizontal: 0.01 m + 1 ppm CEP Vertical: 0.01 m + 1 ppm R50 Initialization time: <10 minutes Initialization Reliability: >95%
High-Precision Static	: Horizontal: 0.01 m + 1 ppm CEP Vertical: 0.01 m + 1 ppm R50
Update Rate	: Up to 20 Hz
Interface	: Bluetooth, WiFi, UHF Radio, RS232
Environmental Data, Quality & Reliability	: Temperature -10°C - 55°C
Indicator	: Led Battery Indicator Data Recording Led Indicator Data Recording Buzzer Indicator
Electrical	: Charger Power: 12V 1A-3A (Support Battery External Power)
Power Supply	: Battery: 7,4 V 7.000 mAh Battery Life: 10-12 hours
Physical / Enviromental	: Dimensions (WxH) : Ø160 mm x 71 mm Weight: 950 gram

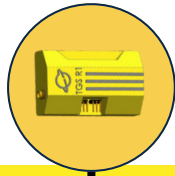


***Support RTKLIB & Emlid Studio**

***Software Post Processing Equator Plot**

UAV MAPPING KIT

DETAILS



MODUL R2

BASE SYSTEM...

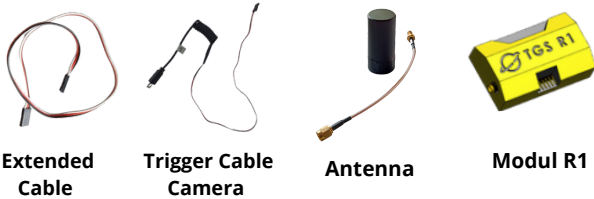
GNSS PPK

Type	: Single Frequency GNSS
Weight & Dimension	: 80 gram 7 mm x 1,5 mm x 4,5 mm
Antenna	: Quadrifilar Helix Antenna, IP167
Accuracy	: 0.01 m + 1 ppm
GNSS Channel	: 72-channel u-blox M8 engine GPS/QZSS L1 C/A, GLONASS L10F, BeiDou B1 SBAS L1 C/A: WAAS, EGNOS, MSAS Galileo-ready E1B/C
GNSS Data	: RAW/RINEX
GNSS Base System	: GNSS Geodetic Multi Frequency GNSS
GNSS Software	: Equator Plot - Post Processing Kinematic

TGS GNSS EQ 1

Receiver Type	: Multi-band GNSS high precision receiver
GNSS Channel	: 184 - Channel Multiband GNSS, GPS L1C/A L2C, GLO L1OF L2OF, GAL E1B/C E5b, BDS B1I, QZSS L1C/A L2C
Accuracy	: 0.01 m + 1ppm
Positioning Performance	: Cold starts : 25s Hot starts: 2s Aided Start: 2s
Real Time Kinematic (RTK) Surveying	: Horizontal: 0.01 m + 1 ppm CEP Vertical: 0.01 m + 1 ppm R50 Initialization time: <10 minutes Initialization Reliability: >95%
High-Precision Static	: Horizontal: 0.01 m + 1 ppm CEP Vertical: 0.01 m + 1 ppm R50
Update Rate	: Up to 20 Hz
Interface	: Bluetooth, WiFi, UHF Radio, RS232
Environmental Data, Quality & Reliability	: Temperature -10°C - 55°C
Indicator	: Led Battery Indicator Data Recording Led Indicator Data Recording Buzzer Indicator
Electrical	: Charger Power: 12V 1A-3A (Support Battery External Power)
Power Supply	: Battery: 7,4 V 7.000 mAh Battery Life: 10-12 hours
Physical / Environmental	: Dimensions (WxH) : Ø160 mm x 71 mm Weight: 950 gram

In The Box :



Extended Cable

Trigger Cable Camera

Antenna

Modul R1



***Support RTKLIB & Emlid Studio**

TechnoGIS Indonesia

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Sleman, D.I.Yogyakarta, Indonesia



+62 813-2552-3979



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www.technogis.co.id

*Software Post Processing Equator Plot



UAV MAPPING KIT

DETAILS

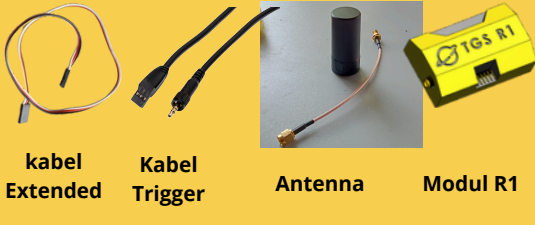


ROVER R1

GNSS PPK

Type	: Multi Frequency GNSS
Antenna	: Quadrifilar Helix Antenna, IP167
Accuracy	: 0.01 m + 1 ppm
GNSS Channel	: 184-channel GPS L1C/A, GLO L1OF, L2OF, GAL E1B/C, E5b, BDS B1I B2I, QZSS, L1C/A L2C
GNSS Data	: RAW/RINEX
GNSS Base System	: GNSS Geodetic Multi Frequency GNSS
GNSS Software	: Equator Plot - Post Processing Kinematic

In The Box :

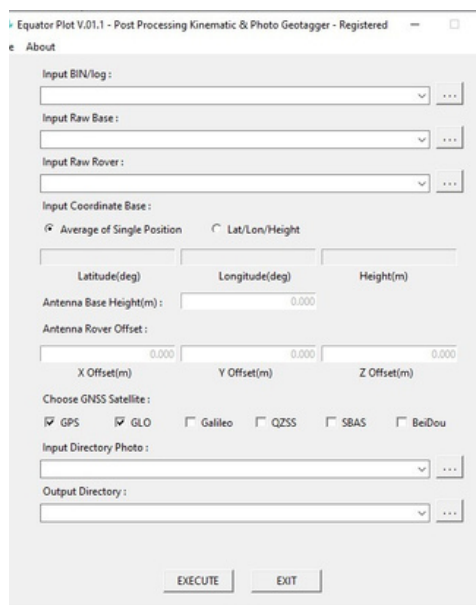


BASE SYSTEM

TGS GNSS EQ 1

Receiver Type	: Multi-band GNSS high precision receiver
GNSS Channel	: Multiband GNSS, GPS L1C/A L2C, GLO L1OF L2OF, GAL E1B/C E5b, BDS B1I, QZSS L1C/A L2C
Accuracy	: 0.01 m + 1ppm
Positioning Performance	: Cold starts : 25s Hot starts: 2s Aided Start: 2s
Real Time Kinematic (RTK) Surveying	: Horizontal: 0.01 m + 1 ppm CEP Vertical: 0.01 m + 1 ppm R50 Initialization time: <10 minutes Initialization Reliability: >95%
High-Precision Static	: Horizontal: 0.01 m + 1 ppm CEP Vertical: 0.01 m + 1 ppm R50
Update Rate	: Up to 20 Hz
Interface	: Bluetooth, WiFi, UHF Radio, RS232
Environmental Data, Quality & Reliability	: Temperature -10°C - 55°C
Indicator	: Led Battery Indicator Data Recording Led Indicator Data Recording Buzzer Indicator
Electrical	: Charger Power: 12V 1A-3A (Support Battery External Power)
Power Supply	: Battery: 7,4 V 7.000 mAh Battery Life: 10-12 hours
Physical / Environmental	: Dimensions (WxH) : Ø160 mm x 71 mm Weight: 950 gram

***Support RTKLIB & Emilid Studio**



Software Post Processing Equator Plot

UAV MODUL R2

MODUL R2

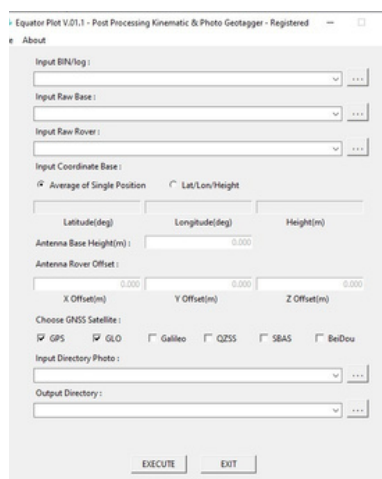
GNSS PPK

Type	:	Multi Frequency GNSS
Antenna	:	Quadrifilar Helix Antenna, IP167
Accuracy	:	0.01 m + 1 ppm
GNSS Channel	:	184-channel GPS L1C/A, GLO L1OF, L2OF, GAL E1B/C, E5b, BDS B1I B2I, QZSS, L1C/A L2C
GNSS Data	:	RAW/RINEX
GNSS Base System	:	GNSS Geodetic Multi Frequency GNSS
GNSS Software	:	Equator Plot - Post Processing Kinematic

BASE SYSTEM

TGS GNSS EQ 1

Receiver Type	:	Multi-band GNSS high precision receiver
GNSS Channel	:	Multiband GNSS, GPS L1C/A L2C, GLO L1OF L2OF, GAL E1B/C E5b, BDS B1I, QZSS L1C/A L2C
Accuracy	:	0.01 m + 1ppm
Positioning Performance	:	Cold starts : 25sHot starts: 2sAided Start: 2s
Real Time Kinematic (RTK) Surveying	:	Horizontal: 0.01 m + 1 ppm CEPVertical: 0.01 m + 1 ppm R50Initialization time: <10 minutesInitialization Reliability: >95%
High-Precision Static	:	Horizontal: 0.01 m + 1 ppm CEPVertical: 0.01 m + 1 ppm R50
Update Rate	:	Up to 20 Hz
Interface	:	Bluetooth, WiFi, UHF Radio, RS232
Environmental Data, Quality & Reliability	:	Temperature -10°C - 55°C
Indicator	:	Led Battery Indicator Data Recording Led Indicator Data Recording Buzzer Indicator
Electrical	:	Charger Power: 12V 1A-3A(Support Battery External Power)
Power Supply	:	Battery:7,4 V 7.000 mAH Battery Life: 10-12 hours
Physical / Enviromental	:	Dimensions (WxH) : Ø160 mm x 71 mm Weight: 950 gram



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