

Global Navigation Satellite System (GNSS) Dual Frekuensi GeoMax Zenith25

Merek Alat:

GeoMax Zenith25

Kelengkapan:

- 2x battery per unit receiver
- 1x battery charger per unit receiver
- 1x X-Pad Controller
- 1x Radio Antenna per unit receiver
- 1x Power Supply and Power Cord for Dual Battery Charger per unit receiver
- 1x Tribrach with antenna adapter for Base Station
- 1x Alumunium Tripod for Base Station
- 1x Fiber Rangepole for Rover

Fungsi:

- Survei GNSS Statik
- Survei GNSS Postprocessed Kinematic (PPK)
- Survei Real Time Kinematic GNSS

Spesifikasi:

Satellite signals tracked simultaneously:

- GPS: L1, L2, L2C,
- GLONASS: L1, L2
- SBAS: EGNOS, WAAS, MASAS, GAGAN
- Galileo: E1, E5B*
- BeiDou (COMPASS): B1, B2

Positioning rates: 1 Hz, 2 Hz, 5 Hz, 10 Hz, and 20 Hz

Static GNSS surveying

High-Precision Static

Horizontal. 3 mm + 0.5 ppm RMS

Vertical. 5 mm + 0.4 ppm RMS

Static Long

Horizontal.3 mm + 0.4 ppm RMS

Vertical.3.5 mm + 0.4 ppm RMS

Postprocessed Kinematic (PPK) GNSS surveying

Horizontal.8 mm + 1 ppm RMS

Vertical15 mm + 1 ppm RMS

Power Supply

External power / Internal battery 10.5 V to 28 v / Removable 2.6 Ah ; 74 V

Operating time (static/rover) 9 h / 6h

Physical Specification

Dimensions Height 95mm, 198 mm

Operating temperature -40°C to 65°C

Protection class IP68 – with stands dust and immersion in water

Humidity 100% condensing

Vibration Mechanical stress resistant according ISO 922-36-05

Withstands 2m topple over onto hard surface

Communication

GSM/GPRS module	Quad-Band GSM & Penta-Band; UMTS 800/850/ 900/ 1900/ 2100 Mhz; internal antenna
UHF radio module	1000 mW transceiver, 406 – 480 MHz
Bluetooth	Device class II
Communication port	USB, serial and power

Interfaces

Keyboard	On/Off and function keys
LED status and mode indicators	Position, battery, Bluetooth, RTK transmit, storage card; Rover, base, static
Data recording	8Gb removable microSD card
GSM / TCP / IP	Removable SIM card

Receiver dan Controller GNSS GeoMax Zenith 25

