



ETOP, Lda
Material de Escritorio, Equip.
Topográfico & Consultoria

O NOSSO CATÁLOGO

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Reach RS+ + Complete Surveying kit

Especificações

72 channel. Signals tracked
GPS/QZSS: L1C/A,
GPS/QZSS: L1C/AGLONASS: L10F,
Galileo: E1,
BeiDou (COMPASS): B1,
SBAS

Positioning Rates 1 Hz, 2 Hz, 5 Hz, 10 Hz, and 14 Hz (GPS only)

POSITIONING PERFORMANCE

Static GNSS surveying

Single Baseline <30 km

Horizontal 5 mm + 1 ppm RMS
Vertical 10 mm + 2 ppm RMS

Real Time Kinematic surveying

Single Baseline <10 km

Horizontal 7 mm + 1 ppm RMS
Vertical 14 mm + 2 ppm RMS
RTK TFF 1 to 2 minutes

Post Processed Kinematic surveying

Single Baseline <10 km

Horizontal 7 mm + 1 ppm RMS
Vertical 14 mm + 2 ppm RMS

Visão Geral

Precisão centimétrica para levantamento, mapeamento e coleta de dados.

O kit completo de levantamento inclui:
2 receptores RS + (base e móvel);
1 x controlador Android robusto;
1 x software de levantamento completo e Field;
SOM Survey Treinamento em vídeo on-line completo sobre GPS.

HARDWARE

Physical

Dimensions (LxWxH) 145 mm x 145 mm x 85 mm
Weight 0.69 kg (1.52 lbs) with internal battery

Environmental

Operating t. -20° C to +65° C (-4° F to +149° F)
Storage t. -40° C to +75° C (-40° F to +167° F)
Humidity 100%, condensing
Ingress Protection IP67 dustproof, protected from temporary immersion to depth of 1 m (3.28 ft)

Electrical

Charging Micro-USB
External power input rugged connector, 6-40 V
Battery LiFePO4 3.2V, 30.72 Wh
Operating time on internal battery 30 hours

Dois receptores Reach RS + para levantamento nos modos RTK e PPK com todos os acessórios e treinamento necessários

Reach RS2 + Complete Surveying kit

Especificações

POSITIONING

Precision Static H: 4 mm+0.5 ppm V: 8mm+1 ppm
PPK H: 5 mm+0.5 ppm V: 10 mm+1 ppm
RTK H: 7 mm+1 ppm V: 14 mm+1 ppm

Convergence time ~5 s typically
Signal tracked GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b

Number of channels 184
Update rates 10 Hz GPS / 5 Hz GNSS
IMU 9DOF

CONNECTIVITY

UHF LoRa radio Frequency range 868/915 MHz
Power 0.1 W
Distance Up to 8 km
3.5G modem Regions Global
Bands Quad-band, 850/1900, 900/1800 MHz
SIM card Nano-SIM
Wi -Fi 802.11 b/g/n
Bluetooth 4.0/2.1 EDR
Ports RS-232, USB Type-C
Data Protocols NTRIP, VRS, RTCM3,
position output in NMEA, LLH/XYZ
Data logging RINEX at update rate up to 10 Hz
Internal storage 16 GB

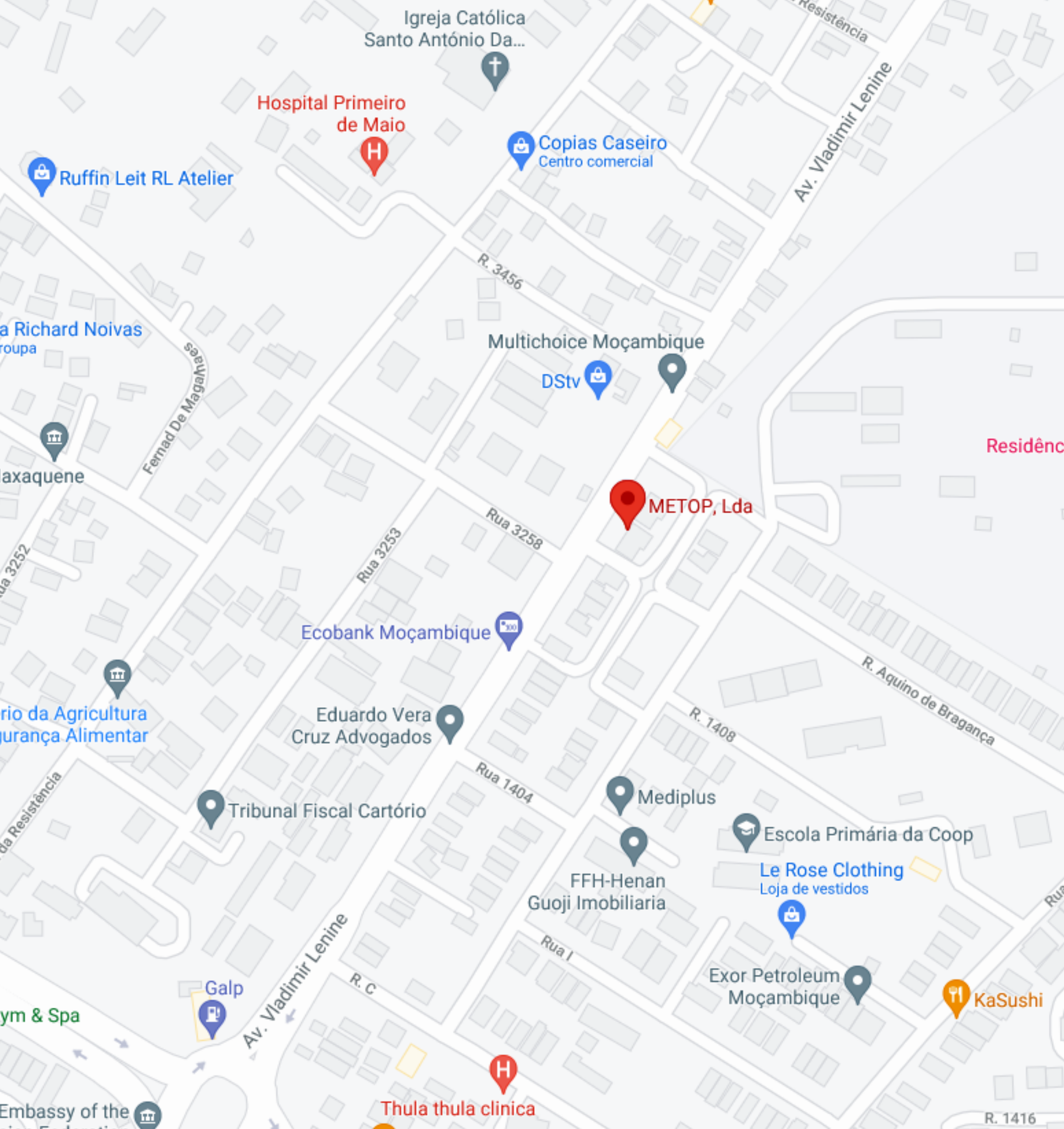
Visão Geral

Precisão centimétrica para levantamento, mapeamento e coleta de dados.
O kit completo de levantamento inclui:

- 2 x RS2 receptores (Base & Rover)
- 1 x robusto controlador Android
- Efield completa Software Topografia
- eOffice Software Pós-Processamento
- 1 x Configuração do equipamento
- Bolsa de transporte com alça
- cabo USB tipo C
- 1 x Tripé
- 1 x Tribach
- 1 x poste de extensão
- 1 x poste GPS 2m Fibra de carbono
- 1 x Suporte do controlador

MECHANICAL
Dimensions 126x126x142 mm
Weight 950 g
Temperature -20...+65 °C
Ingress protection IP67 water- and dustproof
ELECTRICAL
Autonomy 16hrs as 3.5G RTK rover, 22hrs logging
Battery LiFePO4 6400 mAh, 6.4 V
External power input 6-40 V
Charging USB-C 5 V 2 A





CONTACTOS

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