

# GLR

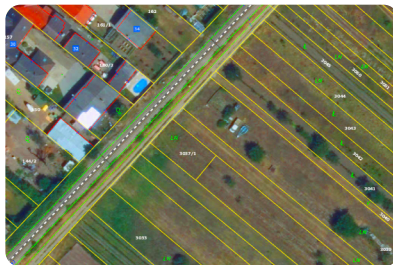
Multi-band RTK  
receiver with  
tilt compensation



## Applications



SURVEY & STAKEOUT



GIS & MAPPING



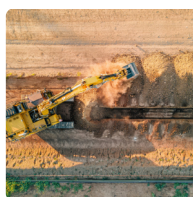
CONSTRUCTION



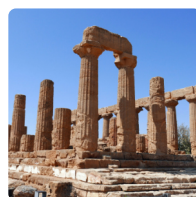
FACILITIES



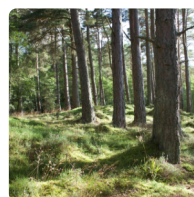
INFRASTRUCTURE



EARTHWORKS



ARCHEOLOGY



FORESTRY



AGRICULTURE

All constellations   All frequencies   Tilt compensation   Jamming proof   Spoofing proof

**Ultra bright**  
3.5" touchscreen

**Rugged**  
IP67 polycarbonate case

**Fast charging**  
with up to 50 W

iOS and Android app

Best in class triple frequency  
hybrid antenna

Centimeter accuracy,  
fix in 3 sec.

**Made in Austria**

API for integration  
with other apps

#### Positioning

GNSS tracked

Galileo E1, E5a, E5b, E6  
GPS L1C/A, L1C, L2C, L2P(Y), L5  
BDS B1I, B2I, B3I, B1C, B2a, B2b  
GLONASS G1, G2, G3  
QZSS L1C/A, L1C, L2C, L5  
SBAS L1C/A  
NavIC L5

Channels

1406

#### Precision

RTK

H: 7 mm + 1 ppm, V: 14 mm + 1 ppm

PPP

H: 50 mm + 1 ppm, V: 100 mm + 1 ppm

Tilt compensation

< 20 mm at 60°

#### Mechanical

Receiver size L × B × H

138 × 138 × 128 mm

Operating temperature

-40°C to +75°C

Ingress Protection

IP67

Weight

1150 g

#### Connectivity

WiFi, BT 5.3, BLE

Ports

USB-C, Serial, Ethernet

LTE, 4G

Global modem, nano SIM card

LoRa radio

868/915 MHz, 8 km range, power 0.1 W

#### Protocols

Correction data

NTRIP, RTCM3

Position data

NMEA, LLH/XYZ

Data logging

RINEX, NMEA, LLH/XYZ

#### Computing

Processor

TI AM62x Sitara™  
2x Cortex-A53 cores

Storage

16 GB

#### Electrical

Battery

Li-Ion 14.6V, 6000mAh, 87Wh

Operation

12 hours

Charging

USB-C: 5-20V, 3A / PD 5V, 1A  
Serial Port: 3-48V, 2A / PD 5V, 1A  
PoE: 53V, 25W

Errors and technical modification subject to change.

#### Available colors



## Contact us

office@general-laser.at

general-laser.at

+43 1 890 2002

