



The UNI-GR1 is the most universal high-precision RTK GNSS receiver. With its rugged design, powers of 4 constellations and multiple frequencies, it is capable of providing you centimetre accuracy in many environments. Due to open interfaces, the UNI-GR1 lets you connect to your preferred device or survey with ease using UNI-Connect and UNI-Cloud.

All this for €2995,- per UNI-GR1, excl. VAT



GNSS receiver

Channels	432
Antenna	Integrated
GPS	L1 / L2 / L5
Glonass	L1 / L2
Galileo	E1 / E5a / E5b
BeiDou	B1 / B2 / B3
QZSS	L1 / L2 / L5
SBAS	WAAS / EGNOS / GAGAN / MSAS

Accuracy (RMS)

Standalone H / V	1.5m / 3m
DGPS Horizontal	400mm
DGPS Vertical	800mm
Static Horizontal	3mm + 1ppm
Static Vertical	6mm + 1ppm
RTK Horizontal	10mm + 1ppm
RTK Vertical	15mm + 1ppm

Waterproof Connections

12-pin connector	Charging, RS232, CAN, Host USB, PPS, Event
Micro-USB 2.0	USB Charging, Data Transfer

Wireless Connectivity

3G Mobile Data (multi-band)	EDGE, GPRS, GSM
WiFi	HSDPA, HSUPA, UMTS
Bluetooth	802.11.a,b,c,g,n,ac
NFC	4.2
Radio	LoRa 868 / 915 MHz

Mechanical

9DOF-driven level led ring

Performance

Internal battery	10.400mAh
Battery time	10+ hours
Water- & dustproof	IP 67
Operating temperature	-20 to + 55°C
Shockproof	Survey pole drop

Accessories

Included:

- Rugged Pelicase
- DC adapter (18V @ 1.33A)
- Micro USB to USB-A cable
- 12-pin to DC adapter cable
- NFC Tag
- 5/8" Pole Adapter

Anyone can survey with centimetre accuracy

Use any controller you like

Use any mobile device as a controller by connecting to the UNI's WiFi hotspot and use UNI-Connect. The UNI itself can also be connected to WiFi and use 3G+ mobile data with a SIM-Card.

Use the software you like

The UNI-GRI comes with the most easy surveying tool, UNI-Connect, which works like a charm for all of your surveying or stake-out work and gets your data in no time to the office in 3D AutoCAD drawings or CSV.

Apart from UNI-Connect, you can choose to work with any software that suit your surveying needs best. Supporting many connections such as Bluetooth, Serial, USB, or LoRa, the UNI-GRI provides you with many possibilities to connect to any app.



Ready for any environment

Being IP67 waterproof, completely ready for operating temperatures ranging from -20 to +55 degrees Celsius and pole-drop resistant, you can take the UNI to work in the most challenging environments.

Gets you going all day

With a built-in 11.000 mAh battery, this 800 grams light-weight is designed to work up to 12 hours. You can easily complete a full working day without exhausting the UNI's energy. Or your own.

Works as rover and base

Whether you want to simply perform surveying work with your UNI-GRI as a rover connected to UNI-RTK Premium, or set up your UNI as a base to provide another with corrections: the UNI's got your back!

Use your survey potential to its fullest

UNI-Complete, €4995,- per set

All you need: UNI-GRI, UNI-Complete, Tablet, Mount & Pole, 1-year access to UNI-Cloud & Support and UNI-RTK Premium.

UNI-Cloud & Support, €750,- per year

Store all your data in a personal data cloud and integrate with your own GIS easily. Gets your survey data from the field to the office in seconds and gives you professional phone support.

UNI-GRI, €2995,- per receiver

Our universal RTK GNSS receiver, designed to work in the most rugged environments and get a CM accurate FIX to any user.

UNI-RTK Premium, €750,- per year

Get centimetre accurate correction data, thanks to 2,250+ base stations worldwide.

Get in touch

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Scan to get in touch!

