

FARMNAVIGATOR

Get centimeter accuracy reducing costs

without wasting time on phone contracts,
even if you don't know anything about RTK.



RTK centimetric precision

High-precision multi-frequency GNSS receiver for GPS, GLONASS, GALILEO and BEIDOU satellite systems. Thanks to the RTK corrections the positioning reaches an accuracy of +/- 2 cm with baseline up to 100 Km.



Connectivity & IoT

1Minute RTK receives RTK corrections via the Internet thanks to the built-in NTrip Client* and GSM modem**. It is ready to use and to be localized in MyGarage cloud!



Terrain compensation inclinometer

The powerful built-in inertial platform detects roll and pitch of the vehicle to calculate the exact position at the ground level and eliminate errors due to sloping ground.



Overturning alarm

Increase vehicle safety on your farm.



UNIVERSAL RTK RECEIVER
FOR AGRICULTURE 4.0

1Minute^{RTK}

Ready to connect,
ready to correct
in just 1 minute!

* Compatible with NTrip services worldwide.

** GSM connectivity included in Europe and many other countries; refer to farmnavigator.com for detailed list of countries.



✓ 1 YEAR of MyGarage included!

The FARMNAVIGATOR localization service
www.farmnavigator.com/mygarage

Remotely localize and monitor your tractors and employees on the Cloud!



F4GTRFMAE010

FARMNAVIGATOR



1 Minute RTK is ready to connect!

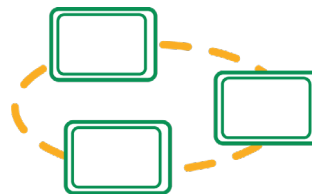
1 YEAR / 1000 hours of Internet service included!
Don't worry about phone contracts.
Manage and renew connectivity in the MyGarage Cloud.

(contact us to find out if there is a free RTK service in your area)



Installation in 1 minute!

1 Minute RTK is ready to go with just a simple registration on line.



Universal RTK Receiver

Compatible with any display using serial communication and NMEA0183 messaging.

Ideal for precision operations: weeding, manuring, harrowing, seeding, plowing, strip-till, planting.

Technical Specifications

- Dimensions: 98 mm x H 50 mm
- Weight: 240g without power cable
- Power supply: 10-35 Vdc
- Power consumption: 1.5 W
- Power cable: 4 m Conxall - DB9
- Triaxial accelerometer + gyro
- Steel bracket: 133 x 101 mm
- Operating temperature: -20°C / +60°C
- Storage temperature: -30°C / +80°C
- Waterproof: IP67

Communication

- GNSS Receiver: GPS + GLONASS + GALILEO + BEIDOU + SBAS
- GNSS frequency band: L1, L2
- GNSS rate: configurable (up to 10Hz)
- RS232 baud rate: configurable (115200 default)
- RS232 protocol: NMEA0183 configurable (GGA, GLL, RMC, GSA, GSV, VTG, ZDA, GST)

Performance and Connectivity

- RTK accuracy +/- 2 cm
- Baseline RTK 100 Km
- Integrated NTrip client
- Built-in cellular modem
- Automatic connection to IoT server
- Automatic Updates



Customer Support

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