

iDig

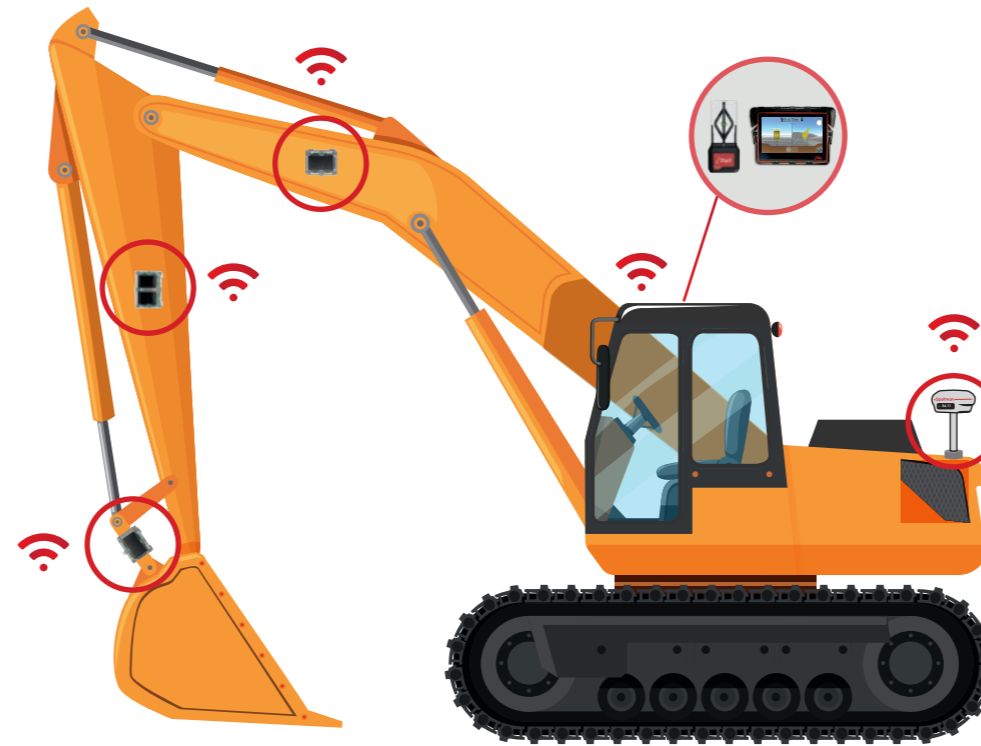
Why is the iDig 3D the right tool ?









Intuitive excavator guidance 3D

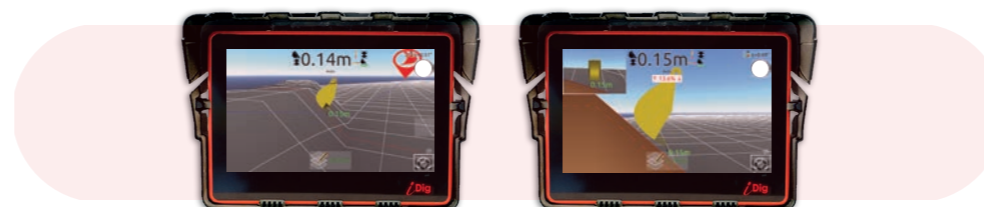
FOR ALL EXCAVATORS AND APPLICATIONS

- Reliable and precise**
- Solar powered**
- Comfortable**
- Time saving**
- Multi-machine**
- Cost effective**
- Safety**



An innovative system that will help you work better .

-   Thanks to a single detachable GNSS antenna, you can pick up points for surveying or mapping.
-   The time required to calibrate the iDig 3D GNSS system is less than two hours.
-   The installation steps are clearly laid out on the control box. You are guided step by step.



Automatic zoom

CONTROL BOX
A new powerful (Dual Core) and robust control box, equipped with a patented software designed with excavator drivers for easy and intuitive use.

LED BARGRAPH
A real assistant in your cab. It is placed in the same field of vision as your bucket. Thanks to its green, orange and red LED display, it guides you with accuracy and in real time.

SENSORS
The first 3D system with Bluetooth 5 sensors and without cables. They are charged by solar energy. New generation that communicates information 100 times per second.

GNSS SPOTMAN
In a few hours of training, you have a tool that allows you to survey, control and measure all your points (stakes, curbs, sidewalks, trees, etc.). You can also delimit your surfaces. Receive all satellite signals: GPS, GLONASS, Galileo, BeiDou and QZSS. Even with a rod that is not plumb, the tilt function corrects your mistakes.

Multi-machine
The iDig can be transferred from one excavator to another in a few minutes without having to invest in an additional excavator guidance system.

Safety
No longer need a rodman. You go faster and avoid the risks of accidents. Save your back and your knees. No need to constantly get off your excavator to check your dimensions.



Localization of your sites thanks to the "Open Street Map" function, geographic map in free access & offline

Why 3D ?

The 3D guidance system allows you to have your site project with all its dimensions in your cabin. Using the GNSS installed on your excavator you will see the dimension to be reached at the tip of your bucket.

Why choose the iDig 3D system ?

The new iDig 3D is a simple and user-friendly tool that is designed with the operator in mind!

Since 2007, iDig has been improving the daily lives of thousands of excavator operators on all continents. With the iDig 3D, upload your project to the iDig control box in your cab or create small projects with your GNSS on a rod or with your bucket and let it guide you from your cab.



7" touchscreen with excellent image quality

The iDig 3D works with all GNSS that can provide a NMEA frame via Bluetooth.

How does the GNSS connected to the iDig 3D work ?

- Finally a 3D system that works with a single GNSS antenna.
- Removable for surveying points with a rod.
- Easy to use with no qualification required, beginners get started in less than half a day.
- Full 3D rendering: 3D navigation and perspective views. Accepts digital terrain models in DXF or LandXML format.



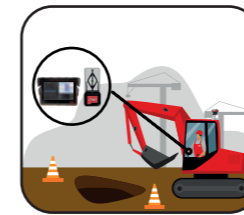
Spotman CT140T, do both your surveying applications and guide your excavator with your iDig 3D system with a single GNSS



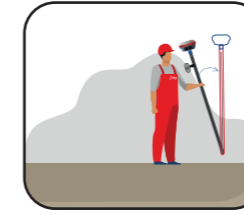
Survey the terrain and locate buried utilities for estimating purposes. Draw up your plan based on drawing calculations.



Make the reference points yourself on your site. No need for stakes to delineate the area.



Integrated with the iDig system, carry out your project, dig, guide and locate your excavator in 3D.



The Spotman has a Tilt feature that will help you calculate the correct vertical measurement and avoid errors.

iPoint

iPoint software, available for Android, allows you to accurately set up all your work points and collect your measurements. Numerous file import and export formats and several types of measurement and layout methods are available and guarantee instant productivity. You can prepare your 3D data in DXF for small projects and upload it to the control box without having to use project software. iPoint makes positioning in the field more convenient and thanks to its simple user interface, it is accessible even to beginners.



Calcul Cogo (Calcul de construction, Volume, Surface, Distance...)



Vue graphique avec fond de plan



Implantation

Find the iDig that matches you

With the iDig 2D, you can enter the desired slope and depth in relation to a reference (markers, lasers, stakes ...) and you can dig with precision without the need for a rodman or to constantly get out of your cabin.

With the iDig 3D, you can create small projects with your GNSS or enter more sophisticated projects created by a surveyor or a project manager.

IDIG TOUCH 2D

Solar powered, cable free angle sensors

Radio transmission (10 Hz)

Ideal for platforms

IDIG CONNECT 3D

Solar powered, cable free angle sensors with Gyro IMU

Transmission via Bluetooth 5 (100Hz)

Ideal for roads, platforms, large projects

A single removable and versatile GNSS for surveying and layout as well as for guiding your excavator

FULL 3D rendering: 3D navigation and cross-sectional and perspective views

Automatic zoom



"iDig allows us to bring a complementary solution to our customers".

Philippe MATHEVET
Sales Director at Alliance Compacts - France