

WIRELESS EXCAVATOR GUIDANCE

CONNECT 2D/3D

Boost your Excavator

iDig develops cutting-edge wireless machine control systems powered by solar-charged sensors — built to help owner-operators and major industry players work smarter, not harder.



INCREASE
PRODUCTIVITY



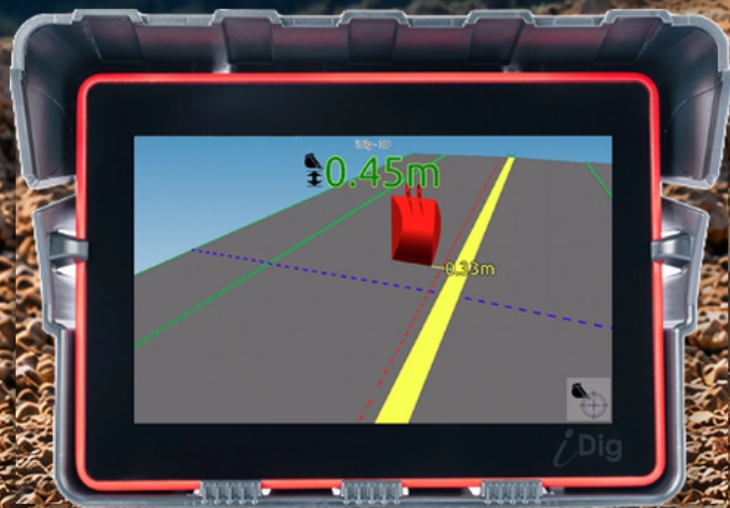
COST
EFFECTIVE



ENHANCE
SAFETY



WORK
SMARTER



2D & 3D
GUIDANCE



SPOTMAN
GNSS INTEGRATION



WIRELESS
SOLAR-POWERED SENSORS



INTUITIVE
IN-CAB CONTROL

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CONNECT



SPOTMAN GNSS

WHY CONNECT?

CAPABILITY	DETAILS
Intuitive	An intuitive system that is quick to install, simple to calibrate, and easy to use without extensive training.
Cost-Effective	Enjoy a quick return on investment with a simple, efficient tool that offers exceptional value. iDig pays for itself in under a year.
Multi-Machine	Requiring just a set of sensor plates, equip additional excavators for very little cost. Switch from machine to machine in minutes.
Safety	iDig lets you work autonomously, eliminating a grade checker or the need to leave your machine to check grade, boosting efficiency and reducing accident risks.
No Cables (Wireless)	A wireless system featuring Bluetooth 5-enabled sensors powered by solar-rechargeable batteries, allowing for fast installation without special modifications to any machine.

CONTROL EVERYTHING FROM YOUR CAB

CONNECT is a 2D & 3D machine control system that streamlines earthmoving with reliable, accurate guidance. It pairs seamlessly with our Spotman GNSS receiver, which doubles as a pole-mounted rover for field operations.

MODE	DETAILS
Level	Dig to a level grade with precision, guided by intuitive color-coded LED indicators.
Slope	Set and hold a single target slope directly from the in-cab screen.
Dual Slope	Manage two independent slope planes for crowned or cambered surfaces.
Trench	Maintain consistent depth and slope in trenching applications, even in confined areas.
Drainage	Hold precise fall and grade over long runs for reliable drainage installation.

DESIGN & COMPATIBILITY

FEATURE	DETAILS
Control Box	Powerful and robust 7-inch tablet with patented software.
LED Bargraph	An in-cab assistant positioned within your field of vision, helping you position your bucket with precision — color-coded LEDs guide you to your desired measurement.
Compatible Attachments	Swing boom, knuckle boom, double deported arm, bucket or tilt attachment, tilt rotator, front blade, and auger/clamshell.
Applications	Landscaping, foundations, road & utility networks, urban planning, drainage, green areas, swimming pools.

INTUITIVE MACHINE CONTROL

CONNECT is an upgradable machine control system designed to grow along with your business. Start with CONNECT 2D+, move up to CONNECT 2D PROJECT for enhanced capabilities, and finally step into 3D with CONNECT 3D.

TIER	DETAILS
CONNECT 2D+	Built for flexibility and future upgrades — the same reliable performance as TOUCH 2D with seamless upgrade paths to 2D PROJECT and then 3D. Input your measurements into the control box and let the LED bargraph guide each dig — no grade checker required. Add Spotman GNSS to survey on-site by yourself. <i>Includes: 2D+ upgradeable, 2D guidance, surveys and layouts, GNSS Spotman, site localization, iPoint.</i>
CONNECT 2D PROJECT	The go-to solution for project creation and execution without requiring a surveyor — ideal for small to medium-sized contractors seeking an all-in-one tool for guidance, layout, and point setting. Import ready-made 3D designs directly into the control box; works with Spotman GNSS (included) for on-site localization and rover-style surveying. <i>Includes: create and read plans, 3D guidance, surveys and layouts, GNSS Spotman, site localization, iPoint.</i>
CONNECT 3D	Built with intuitive software for creating and managing site projects entirely in 3D. Unlimited file uploads — import DXF or LandXML via USB or the cloud with no size or quantity restrictions. Pairs with Spotman GNSS (included) for accurate localization, layout, and point setting. <i>Includes: create and read plans, 3D guidance, surveys and layouts, GNSS Spotman, site localization, iPoint.</i>

OUTSTANDING FEATURES

FEATURE	DETAILS
Dynamic Laser Catch	Catch the laser effortlessly in 2D mode without stopping or shifting your machine — no repositioning, no interruptions, just smooth, efficient operation.
Joystick Button for Swing	Easily configure and activate features such as the Swing Function (no extra sensors required), adjust bench height directly from your cab, and much more.
Dual Antenna (Optional)*	Works seamlessly with a unique, detachable GNSS receiver delivering maximum precision using accurate RTK corrections; an optional second GNSS antenna can be paired for custom-made projects.

* Available end of 2025.

SPOTMAN GNSS RECEIVER

CAPABILITY	DETAILS
Robust and Compact Design	Dustproof and waterproof to IP67 standards, designed to withstand a pole-drop from 6.5 ft (2 m).
Integrated Tilt Sensor	Calibration-free IMU tilt compensation, free from magnetic interference, for easy measurement of hard-to-access areas.
Multifunctional	A powerful, detachable GNSS receiver for use on a machine or as a survey rover — can also be configured as a Base Station.
Multi-Constellation	Captures up to 1,408 signals from GPS, GLONASS, Galileo, BeiDou, and QZSS for maximum signal reliability.
Flexible Connectivity	Built-in SIM slot for 4G; also communicates via UHF radio, Wi-Fi, and Bluetooth.
Autonomy	Up to 34 hours of continuous RTK rover operation and 16 hours of base operation, with external power support available.

IPOINT — FIELD SOFTWARE

CAPABILITY	DETAILS
Survey, Model, Stake	Combining Spotman with iPoint Android software unlocks powerful capabilities, including surveying, setting out, and volume calculation, while streamlining your workflow and boosting on-site precision.

SPECIFICATIONS

CATEGORY	DETAILS
Power Supply	Solar rechargeable battery
Sensors	Waterproof, IP67 rated — from 2.25×3×1 in to 2.75×4×1 in
Memory	100 machines, each with 100 buckets
Accuracy	± 3/8 inch
Operating Temperature	-4°F to 158°F
Control Box Screen	7" screen, 800 × 480 px resolution

PRODUCT COMPARISON

CAPABILITY	CONNECT 2D+	CONNECT 2D PROJECT	CONNECT 3D
Dynamic Algorithm for Laser Catch, Swing Boom...	✓	✓	✓
Intuitive User Interface	✓	✓	✓
Wireless Sensor Communication	✓	✓	✓
Multi-Machine Compatibility	✓	✓	✓
Single GNSS Positioning	✓	✓	✓
Internet Base Station Correction	✓	✓	✓
Remote Support	✓	✓	✓
Dig with/without Designs	✓	✓	✓
Create 3D In-Field Designs		✓	✓
Point, Line, and Surface Creation (3D)		✓	✓
3D Design Imports (e.g., DXF, LandXML)		✓	✓
Large Scale Projects (5+ Projects over 1,640.42' in Scale)			✓
3D Visualization of the Design & Bucket			✓

NOT SURE WHICH SYSTEM FITS YOUR FLEET?

Talk to the iDig North America team about CONNECT.

(858) GET-IDIG

www.getidig.com

Information current as of September 2026 — subject to change without notice. Images are non-contractual and provided for illustrative purposes only.