iDig® | NORTH AMERICA

2D EXCAVATOR MACHINE CONTROL
WIRELESS EXCAVATOR GUIDANCE

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TOUCH 2D

Boost your Excavator

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

WORK SMARTER | INSTALL FASTER | IMPROVE ACCURACY | ENHANCE SAFETY

SIMPLE. WIRELESS. POWERFUL.

getidig.com | (858) GET-IDIG | 2201 Statham Blvd #114
Oxnard, CA 93033

FROM
THE GROUND UP.
TOGETHER.

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TOUCH 2D

WIRELESS SENSOR

WHY TOUCH 2D?

CAPABILITY	DETAILS
Wireless	A wireless system with sensors that communicate via radio frequency, powered by solar-rechargeable batteries, enabling fast installation without the need for welding or cables to any machine.
Multi-Machine	Requiring just a set of sensor plates, equip additional excavators for very little cost. Switch from machine to machine in minutes.
Intuitive	An intuitive system that is quick to install, simple to calibrate, and easy to use without extensive training.
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.
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.

CONTROL EVERYTHING FROM YOUR CAB

Maximize efficiency with TOUCH 2D. Dig to your desired depth and/or slope with ease, and measure distances directly with your bucket.

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.
Distance Measurement	Measure distances directly with your bucket for fast, accurate layout.
Height Alarm	Keeps you working safely by alerting you as the bucket approaches a set height, even in confined areas.

DESIGN & COMPATIBILITY

FEATURE	DETAILS
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	Knuckle boom, double deported arm, bucket or tilt attachment, tilt rotator, front dozer blade, auger, and clamshell.
Applications	Landscaping, foundations, road & utility networks, urban planning, drainage, green areas, swimming pools.

PACKAGE COMPOSITION

ITEM	DETAILS
TOUCH 2D Software	Core operating software for the system.
Control Box	Powerful, robust 7″ tablet with patented software.
LED Bargraph	1 included.
Mini Angle Sensors	2 included, with mounting plates.
Angle/Laser Receiver Sensor	1 included, with a mounting plate.
Mini Chassis Sensor	1 included, with a mounting plate.
Quick-Connect Cables	3 included, including a ‘cigarette lighter’ 12/24V power cable.

ACCESSORIES

ITEM	DETAILS
Big Angle/Laser Sensor	The perfect tool for receiving laser signals and guiding your cutting edge with accuracy.
Extra Machine Kit	Transfer your iDig system between machines in just minutes — switch between pre-equipped machines and maximize fleet productivity with one TOUCH 2D system.
Tilt Sensors	Precisely control bucket tilt using your TOUCH 2D system for accurate and efficient grading.

SPECIFICATIONS

CATEGORY	DETAILS
Power Supply	Solar rechargeable battery
Sensors	**Waterproof, IP67 rated — from 55×75×25 mm to 70×100×25 mm**
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

TOUCH 2D CAPABILITIES

CAPABILITY	INCLUDED
Grade Control for Horizontal, Single, or Dual Sloped Areas	✓
Tilt Bucket	✓
Cab Rotation	✓
Mono & Knuckle Boom	✓
Multi-Machine	✓
Laser Alignment	✓
Rotary Attachment	✓
Blade Guidance	✓
Clamshell & Auger	✓
Advanced 2D Mode	✓
Distance Measurement	✓
Height Alarm	✓
UR Option for Double Offset Boom	✓
Underwater Mode (± 6 feet)	✓
Tape Measure Mode	✓

Images are non-contractual and provided for illustrative purposes only.

READY TO EQUIP YOUR EXCAVATOR?

Talk to the iDig North America team about TOUCH 2D.

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www.getidig.com