



FJD G31 PRO

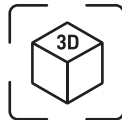
3D EXCAVATOR GUIDANCE SYSTEM

HIGHER CONSTRUCTION EFFICIENCY WITH REDUCED COST

The GNSS and RTK-based grade control system includes a 3D reference model, updates cut & fill-workload, and shows the excavator and bucket positions in real time, enabling operators of all skill levels to achieve 3cm accuracy effortlessly.



Accuracy
±3cm



3D Visual
Guidance



Tilt Bucket & Tiltrotator
Supported



Online Support
& OTA

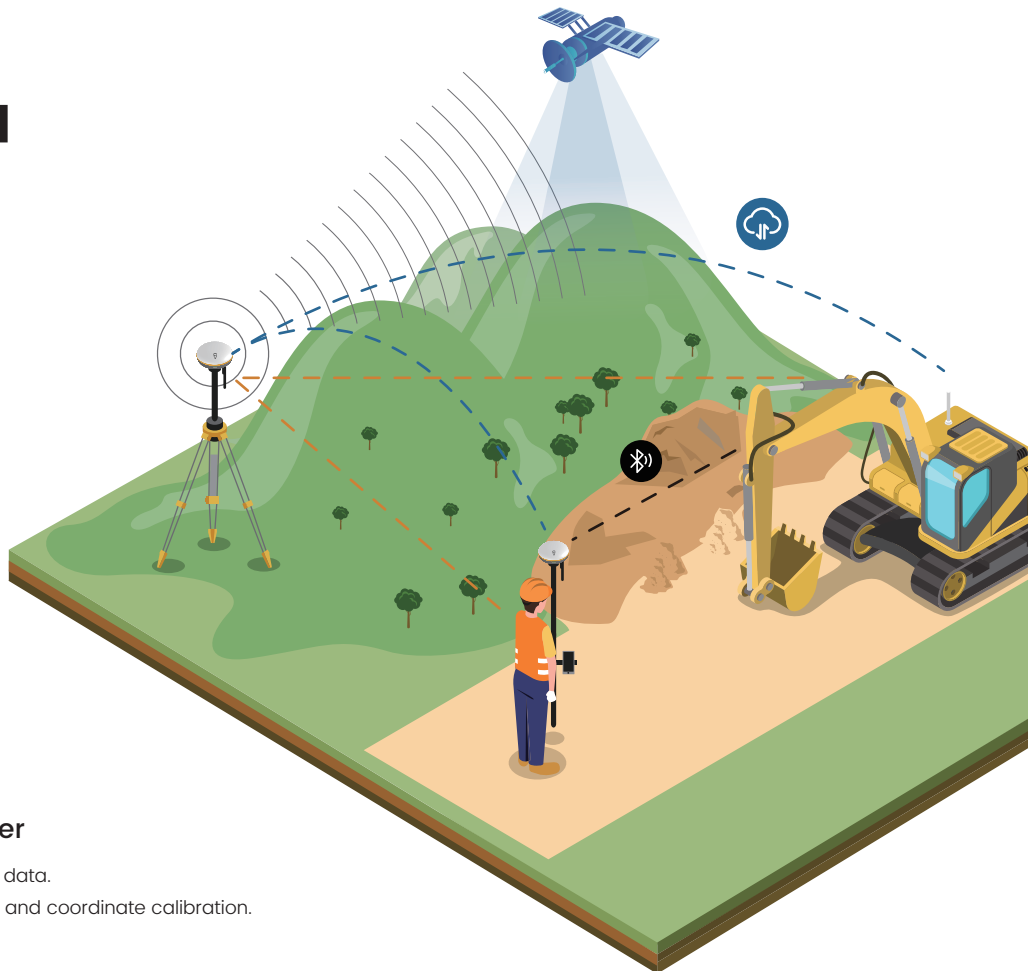


Elevation Offset



Network
Transmission

DIGITAL CONSTRUCTION SOLUTION



FJD Trion VI Series GNSS Receiver

- As a base station providing stable differential data.
- As a mobile station for coordinate acquisition and coordinate calibration.

3CM ACCURACY

The sensor module ensures high precision and reliability, while GNSS antennas with ultra-strong and stable signals enable 3cm accuracy.



SITE DESIGN

With design drawings, you can set datum points on the spot. With the built-in transection templates, 3D visual files could be synthesized for a smooth start.



3D VISUAL GUIDANCE

The 10.1" touch screen displays a 3D reference model in synchronization with your excavator — you know the real-time position of the machine & its bucket without the help of surveyors. Plus, you can figure out how many more hours to go with updates on cut & fill volume.



KEY BENEFITS

45%



Fuel Consumption

150%



Proportion of Measuring
Point Accuracy Within 3cm

35%



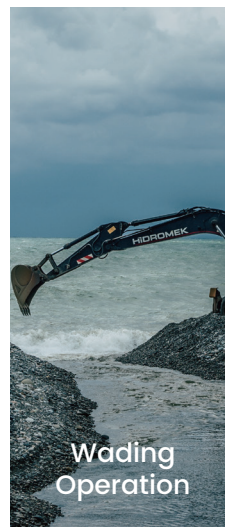
Labour Hours



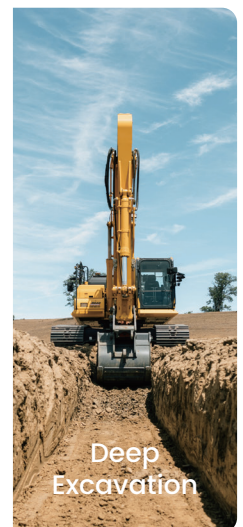
Slope
Cutting



Land
Leveling



Wading
Operation



Deep
Excavation

QUICK SPECS

Accuracy	±3.0 cm
Positioning Satellite	Beidou / GLONASS / GALILEO / GPS

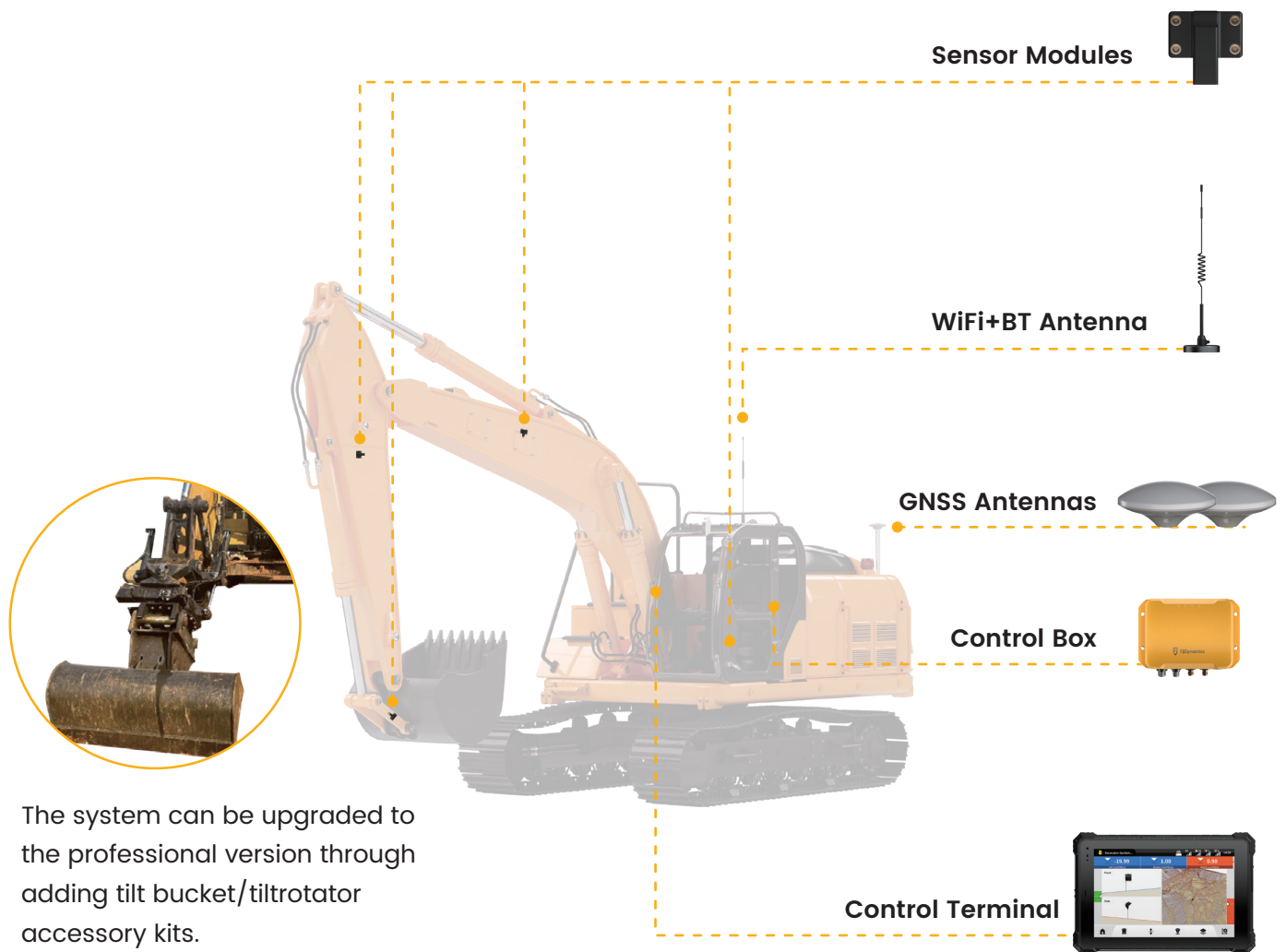
Sensor

IP Reating	IP67
Working Temperature	-40 C – +85 C
Sensor Cover	Wedding-operation Optional

Control Terminal

Signals	4G / WIFI / BT
Screen	10.1" LED Touchscreen
Size	284×189×22.5 mm
Memory	8 GB of operating memory, 128 GB of storage memory
CPU	octa-core 2.2 GHz

STANDARD VERSION



The system can be upgraded to the professional version through adding tilt bucket/tiltrotator accessory kits.

Free Quote: sales.global@fjdynamics.com
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FJDynamics.com



CREATE FOR A BETTER WORLD

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