



X5 PRO

3D Excavator Guidance System



See More. Dig Smarter. Work Faster.

SineLynx X5 PRO is a high-precision 3D excavator guidance system integrating ± 3 cm GNSS positioning accuracy with real-time machine sensing. Featuring Elevation Mode, Slope Mode, Line Mode, and Design Import Mode, it delivers accurate guidance for grading, trenching, slope finishing, and underwater excavation. By reducing rework and manual measurements, the system improves productivity while lowering fuel consumption and operating costs.



± 3 cm Accuracy



Multiple
Working Modes



Easy to Use



Reliable in Harsh
Conditions



Compatible with
Multiple Attachments

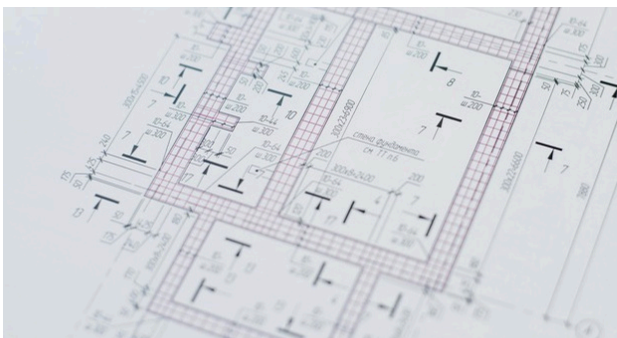


Seamless Cloud
Connectivity

Key features

Multi-Format Drawing Compatibility

Supports XML, DXF for fast and flexible project integration. No file conversion required for quicker deployment and smoother operation.



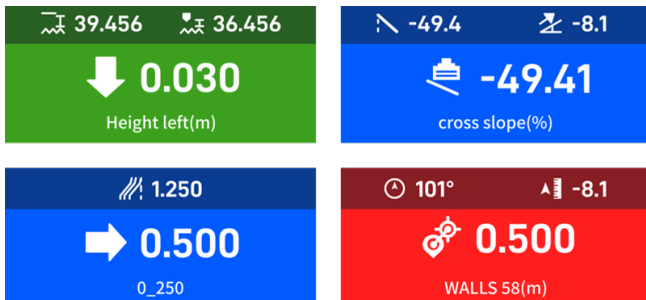
Line Tracking Guidance

Automatically snaps to nearby design lines for precise horizontal guidance, helping operators stay aligned, reduce positioning errors, and excavate more efficiently.



Advanced Jobsite Data

View key operational data such as cut/fill values and slope deviation for more precise control.



Visualized As-Built Monitoring

Real-time over- and under-excavation monitoring for underwater operations, with layered work records for volume tracking and as-built verification.



Efficiency by the Numbers

35 Days
Estimated ROI

-45 %
Fuel Consumption

-45 %
Working Hours

150 %
Precision

Application Scenarios



Site Leveling



Trenching



Slope Work



Road Construction



Earthwork
Excavation & Filling



Underwater
Operations

SPECS

System

Accuracy	±3CM
Navigation Satellites	GPS / BEIDOU / GLONASS / GALILEO / QZSS / SBAS

MC Pad

Signal	4G / WIFI / BT
Display	10.1" LED Touchscreen
Size	284 × 189 × 22.5 mm
Storage	8GB+ 128GB
CPU	Octa-core 2.2GHz

Sensor

IP Rating	IP67
Operating Temperature	-40°C ~ 85°C
Sensor Cover	Standard/Waterproof

P-Box

Mounting Method	Magnetic / Screw Mount
Integrated Radio	400M
Radio Protocols	TRIMTALK / TRIMMK3 / TT450S / TRANSEOT / SOUTH / SATEL

IMU Sensor

WiFi / BT Antennas
Radio Antennas

GNSS Antennas

MC Pad

P-Box

