MASKURA land leveling

Automatic Land Leveling System

Precision · Efficiency · Simplicity

System Introduction

Smart Display

The 10.1" high-definition display has a multi-touch interactive touchscreen. it is waterproof and dustproof, anti-vibration, anti-magnetic, anti-electromagnetic interference.

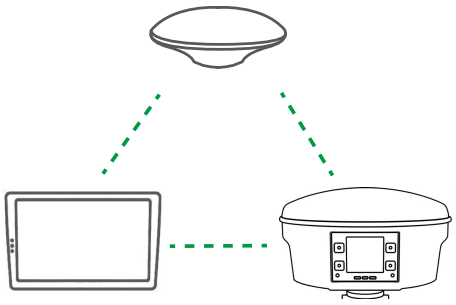
GNSS Antenna

Support full-constellation tracking

Base Station

Lora radio, display visualization

System Features



- Supports multi-constellation tracking, including GPS, BDS, GLONASS, Galileo, QZSS, SBAS, and provides 24-hour uninterrupted operation services.
- RTK mode is used for satellite positioning, which is not disturbed by rain or dust
- The combination of GNSS + INS increases accuracy, improved efficiency and makes it , easy to use

System Advantages

High Precision

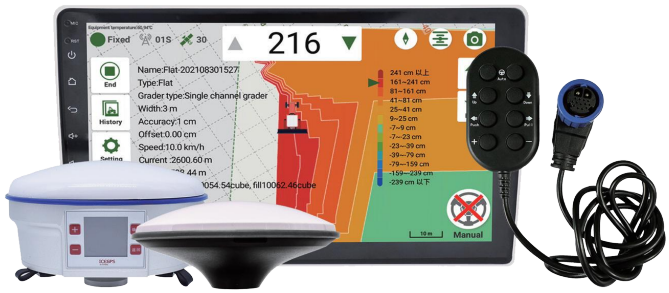
Operating accuracy±2.5cm Support leveling slopes and horizontal planes

24 Hours Operation

Support 24 hours, all-weather operation, unaffected by sandstorms, blowing sand, heavy fog, strong wind and other weather

Clear data display

Measurement of areas, lengths, maximum heights, minimum heights, calculation of average heights of earthworks, preparation of topographic maps.



Full automation

According to the average height obtained from the measurement, the height of the plane is determined automatically, and the land leveling operation is completed.

Double slope model

Based on the measurement results, you only need to set the start and end heights of the inclined plane to complete the dual inclined plane operation.differential

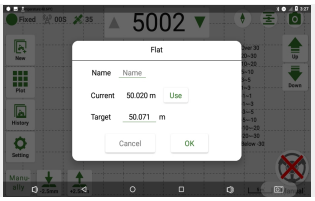
Single-slope model

Based on the test results only the start and end heights of the incline need to be set to complete the single incline operation.

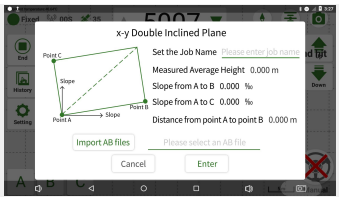
Multimode connection

No base station is required to work, support NTRIP network differential

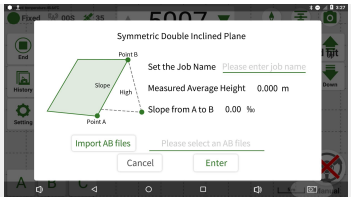
Featured Function



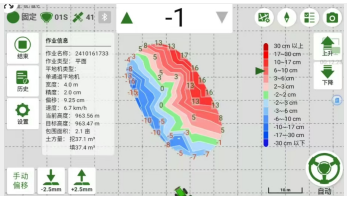
Plane mode



X-Y Double Inclined Plane



Symmetric Double Inclined Plane



Digital color 3D height display

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