



AS10

Autosteering System

The AS10 Autosteering System is designed to help agricultural machine operators perform tasks more easily and efficiently. This system assists your agricultural equipment in better route planning and ensures it follows the set path strictly. Upon reaching the designated land boundary, it can prompt or automatically assist the vehicle in turning. The system can also interact with farming tools to enable smarter operations.



- **Full GNSS signal and PPP**

Steer in centimeter-level accuracy with GNSS RTK corrections. Free PPP services are available for decimeter-level accuracy.

- **Wide Compatibility**

Adapts to various agricultural machinery, including front/rear-wheel steering, tracked machines, articulated vehicles, transplanters, and self-propelled sprayers.

- **Accurate steering**

Following to the designed routes, the steering and U-turn are in high accurate.

- **All-Terrain Adaptability**

Supports multiple guidance modes, adapts to complex or irregular fields, and continuously provides reliable navigation services.

Parameters

GNSS	GPS, BDS, GLONASS, Galileo, IRNSS, QZSS L-band: commercial service(optional), B2b PPP, Galileo HAS
Operating Accuracy	Horizontal: ± 8 mm + 1 ppm RMS Vertical: ± 15 mm + 1 ppm RMS

System

Display Size	10.1 inch Touch Screen
Camera Resolution	1920*1080
Field of View	150°
Voice Prompt	Support
WIFI	Support
Auto Exposure Control	Support
Lighting	Support
Differential Communication Mode	4G Global Network UHF Radio 410-470 MHz

Electrical

Input Voltage	9-36V
Power Consumption (Entire System)	<70W

Physical Characteristics

Total Weight	<7kg
Operating Temperature	-20° ~ 70°
Storage Temperature	-40° ~ 85°
IP Rating	Receiver IP67 Tablet IP67 Camera IP67 Motor IP65