Upgradable Precision Agriculture Solutions

FARMSTAR-F2G
Guidance System

FARMSTAR-F2
Auto-Steering System

FARMSTAR-F2P
Auto-Steering System
L-Band and ISOBUS
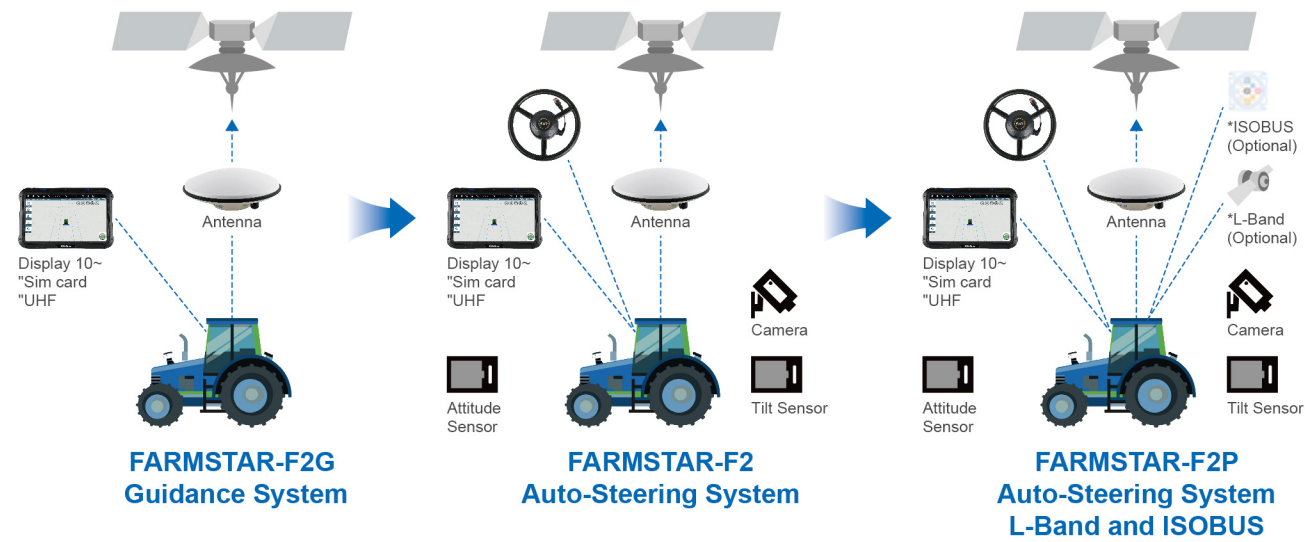
SPECIFICATIONS

System Accuracy

SPP	5 m
SBAS	1.5 m
BDS-B2b-PPP	10-20 cm
Galileo-E6-PPP	10-20 cm
RTK-Radio	2 cm
RTK-Network	2 cm

GNSS Antenna

Signal Received	GPS: L1/L2/L5-Band GLONASS: L1/L2/L3 BDS: B1/B2/B3 GALILEO: E1/E6/E5a/E5b QZSS: L1/L2/L5/L6 IRNSS:L5 SBAS:L1/L5

CONTROL TABLET

System	8 core, 1.8 GHz 2G RAM 16G ROM, Support TF card(Maximum 64G) Android 9.0
Communication	4G/LTE , 2.4 GHz Wifi
Display	10.1", 1024*600P, 750 cd/m²
Connector	SMA Female Connector*1 (4G) TNC Female Connector*3 (GNSS*2 & Radio*1)
IP Level	IP67
Physical	Dimension: 281 mm*181 mm*42 mm Weight: 1.5 kg
Power	9-36V DC input

FARMSTAR-F2G
Guidance System

Hi-Target
Surveying the World, Mapping the Future

FARMSTAR-F2G Guidance System

The FARMSTAR-F2G Agriculture Guidance System ensures uninterrupted functionality in farming, even in challenging conditions such as weak satellite signals or unfavorable weather. This system is designed to operate reliably day or night, even during foggy weather. On-screen prompts enable precise driving guidance, preventing untreated or overlapping areas. This ensures optimal workload calculation and allows for accurate investment in fertilizers. By empowering agricultural machinery, the F2G facilitates informed decision-making regarding planting, fertilization, and pesticide application. This ultimately leads to improvements in land use, working efficiency, and fertilization coverage, enhancing overall farming productivity.

Benefits
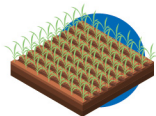
Improved 5%-7% of Farmland Use
Avoids unnecessary overlaps or missed areas to ensure that every section of the farmland is efficiently utilized.

Improved 30% of Working Efficiency
Provides accurate guidance and minimizes time wasted on unnecessary routes, farmers can save time and energy.

Improved 5%-7% of Fertilization Coverage Rate
Ensures that fertilizers are evenly distributed across the fields and eliminates the risk of over or under-fertilization.

Features

FARMSTAR-F2G creates different types of guidance lines, for example, AB line, A+ line, curve line, and round line, allows farmers to accommodate varying field shapes, terrains, and operational requirements, enhancing versatility and adaptability in farming practices.
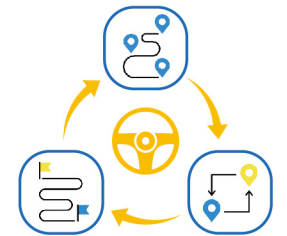
Upgradable Syetem
FARMSTAR-F2G offers flexibility and the ability to upgrade to an auto steering system with ISOBUS, allowing access to a wider range of farming needs. The best part is, there's no need to replace the display and antenna, resulting in significant cost savings during the upgrade process.

Fast Installation
In a mere 15 minutes, one man can do the overall setup process quickly. The system can be easily integrated into farming machinery without major modifications or complex setups

Multiple GEO Files Supported
By supporting XML-based GEO files import and enabling preview Google Map online, FARMSTAR-F2G allows farmers to import data collected from different sources or other precision agriculture tools, thus to ensure precise application of inputs and optimize planting patterns.

Smart Segement Management
FARMSTAR-F2G allows for accurate documentation and record-keeping of multiple lands, farmers can easily track and analyze the tractor's path, application rates, and field coverage on the following day.

One-click Remote Control
Technicians can remotely connect to the FARMSTAR-F2G and have real-time access to its settings, configurations, and diagnostic information, leading to quicker issue resolution and reduced downtime for the system on multiple lands.

20cm
on Board for Free
Accuracy Without Base Station