

SPECIFICATIONS

GNSS ANTENNA

Constellation	BDS: B1/B2/B3/B1C/B2a/B2b GPS: L1/L2/L5 GLONASS: G1/G2 GALILEO: E1/E5a/E5b/E6 QZSS: L1/L2	STEERING CONTROL UNIT
Frequency	1164 MHz~1300 MHz, 1525 MHz~1615 MHz	Rated Torque 10 N.m
IP Level	IP67	Rated Speed 100 rpm
Physical	Dimension: 156.2 mm*140 mm*55.5 mm Weight: 634 g	Motor Voltage Supply Range 6V~18V DC
Connector	TNC	Data Interface RS232, AD conversion, CAN
		IP Level IP65

CONTROL TABLET

System	8 core, 1.8 GHz 2G RAM 16G ROM, Support TF card(Maximum 64G) Android 9.0	IMU&ANGLE SENSOR
Communication	4G/LTE , 2.4 GHz Wifi	Rated Voltage DC 6-36 V
Display	10.1", 1024*600P, 750 cd/m ²	Physical Dimension: 89 mm*40 mm*41 mm Weight: 300g
Connector	SMA Female Connector*1 (4G) TNC Female Connector*3 (GNSS*2 & Radio*1)	IP Level IP67
IP Level	IP67	Gyroscope Accuracy ±0.5(°/s)
Physical	Dimension: 281 mm*181 mm*42 mm Weight: 1.5 kg	Acceleration Accuracy 1.2mg RMS
Power	9-36V DC input	PHYSICAL
		Operation Temperature -40℃ ~ +85℃
		Storage Temperature -40℃ ~ +85℃



AUTHORIZED DISTRIBUTION PARTNER

23D101

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FARMSTAR-F2

GNSS Auto-Steering System



FARMSTAR-F2

Developed by Hi-Target, FARMSTAR-F2 High Precision AG Auto Steering System is an autonomous system which is equipped with a Motor Drive Unit (MDU), a high-precision GNSS antenna, providing automatic steering and positioning for farm vehicles. The key to any precision farming solution is the correct accuracy for the job. With its straight driving accuracy up to $\pm 2\text{cm}$, this system can be widely used in ditching, planting, fertilizing and harvesting, etc.. Hi-Target AG system will let you get the job done quickly, easily and for less monetary outlay.



Security & Reliability

High protection level to maintain the safety and integrity of farming operations with its upgraded stable structure.



Smart Algorithm

The software's intelligent algorithm, coupled with dynamic compensation, enhances operational accuracy, enabling the system to sustain high-precision performance.



Highly Integrated

The overall design minimizes the number of components, allowing for easy disassembly and reassembly. The software operation is user-intuitive, featuring a simple and efficient operation interface.



Wide Applicability

The system's automatic driving function allows for easy expansion into precise pesticide control, seeding, and fertilization with simple hardware additions. This versatility makes it suitable for a wide range of agricultural tasks, from plowing to harvesting and more.



Stay Competitive

Utilizing network RTK technology enhances the stability and anti-interference capabilities of base station data transmission. And the adoption of pioneering breakpoint endurance technology guarantees continued high-precision operation for up to 10 minutes even when differential data is temporarily unavailable.

Applications



Ditching



Planting



Fertilizing



Harvesting