

TECHNICAL SPECIFICATIONS

Receiver	
GPS	L1 /L2/L5
GLONASS	L1/L2
Galileo	E1/E5a/E5b/E6
BDS	B1I/B2I/B3I/B1C/B2a/B2b
SBAS	L1
QZSS	L1/L2/L5/L6
Accuracy (RTK)	Horizontal:±8mm + 1ppm RMS Vertical: ±15 mm + 1 ppm RMS
H-PPP Precision	8-15cm
Working temperature	-20℃ ~+70℃
Storage temperature	-40℃ ~+80℃
Size	159*56 mm
Network	2G/3G/4G
Dust and Waterproof	IP69K
Display	
Screen	10.1"
Resolution	1024*600
Brightness	600 cd/ m²
I/O	2*CAN, 2*RS232
Communication	4G, 2.4G WiFi, BT4.0, USB*1
Power Supply	(9-36) VDC
Dimensions	281*181*42mm
Working Temperature	-20℃ ~+70℃
Storage Temperature	-40℃ ~+85℃
Dust and Waterproof	IP65

Camera	
Power	DC12V±5%
Angles	120°
Pixel	1280 (H) *720(V)
Dust and Waterproof	IP65
Working temperature	-20℃ -+70℃
Storage temperature	-40℃ -+80℃

*Specifications are subject to change without notice.



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eSteer Ready
Auto Steering System



The eSteer Ready System provides farmers with automatic hydraulic steering by connecting directly to the built-in interface of their steer- or auto-guidance ready agricultural vehicles. This innovative kit eliminates the need for an additional electric steering wheel or valve, simplifying installation and reducing costs. The eSteer Ready offers broad compatibility, making it suitable for many makes and models of agricultural vehicles. Whether the OEM steering valve is CANBUS or PWM controlled, the system can be seamlessly integrated into existing vehicle configurations.

The eSteer Ready is an investment that maximizes control and accuracy while requiring only minor modifications to the vehicle. Its highly integrated components offer quick, easy installation and portability between vehicles. With a typical working speed range of 0.3 to 20 km/h and multiple guidance patterns, the system is versatile enough to be used in a variety of agricultural operations, including tillage, seeding/planting, spraying, spreading and harvesting.

HYDRAULIC AUTOSTEERING WITH SIMPLIFIED RETROFIT

The eSteer Ready system is designed to provide farmers with the flexibility to adapt faster, more accurate automated steering to their vehicles through the control the of OEM's on-board steering valve with minor modifications. The compatibility with PWM and CANBUS technologies allows more users to benefit from the eSteer Ready. By having access to an alternative hydraulic autosteering package for their fleet, farmers can improve their productivity and efficiency, which ultimately translates into more successful operations and a high return on investment.

HIGH INTEGRATION, ENHANCED CONNECTIVITY

The eSteer Ready is designed with highly integrated components for quick and easy installation on most farm vehicles. The streamlined installation process significantly reduces costly vehicle downtime, allowing operators to get back to work without delay. The kit also features enhanced built-in connectivity, including multiple CAN ports, serial ports, WiFi/Bluetooth, a dual 4G modem and an UHF radio modem. The connectivity options facilitate system configuration and operation by providing a high level of flexibility. In addition, the eSteer Ready system is ISOBUS compliant, further enhancing its versatility in automating farm operations.

2.5 CM PASS-TO-PASS ACCURACY

The eSteer Ready System is a state-of-the-art guidance system that utilizes multiple correction sources and all GNSS constellations, including GPS, GLONASS, Galileo, Beidou and QZSS. With its built-in 4G and UHF modem, it easily connects to all industry-standard DGPS and GNSS RTK correction services, enabling precise, centimeter-level steering for agricultural vehicles. The terrain compensation technology ensures consistent and accurate performance even in sloping fields.

RUGGED DESIGN AND PROVEN RELIABILITY

Designed to withstand the challenges of typical agricultural environments, the eSteer Ready is built to last. Its industrial design features dust- and water-proof components with an IP65 rating or higher, ensuring protection from harsh elements such as dust, moisture and dirt. Its rugged assembly allows for extreme temperature fluctuations, vibration and shock, making it a reliable solution for the most demanding agricultural conditions.