

AgGPS 162 RECEIVER



AUTOPILOT READY

Use the AgGPS® 162 receiver with AgGPS Autopilot™ automated steering system for hands free farming.

FUTURISTIC ERGONOMICS

New rugged design enables smooth obstruction free installation and operation.

PORTABLE

Combined GPS/DGPS Receiver and antenna in a single rugged housing and a simple, strong magnetic mount.

AgGPS ONPATH® ADVANCED FILTER TECHNOLOGY

Improved pass-to-pass accuracies even without SBAS corrections.

LED

2 status LEDs.

RADAR SPEED OUTPUT



WAAS/SBAS COMPATIBLE

Uses free SBAS (WAAS, EGNOS, MSAS) differential correction signals.

NEW – TRANSCEND™ POSITIONING TECHNOLOGY

Trimble proprietary positioning technology provides users with high accuracy and a flexible solution for the most challenging applications and environments. This technology is shared across multiple Trimble platforms from current lightbars and GPS receivers to next generation GNSS products.



PRODUCT FEATURE	AgGPS 162 RECEIVER
Signal tracked	L1, SBAS (WAAS, EGNOS, MSAS)
Maximum number of satellites tracked	12 + 3 SBAS
DGPS accuracy	± 8–12 inch pass-to-pass
Position fix update rate (sec)	1 Hz, 5 Hz, 10 Hz
Cold start	< 2.5 min
Warm start	< 30 s
Re-acquisition	< 5 s
NMEA messages	ALM, GGA, GLL, GSA, GSV, PTNLID, RMC, VTG, ZDA, GRS, GST, GSK, PTNLMS
Antenna type	L1 GPS
Baud rate	4,800–115,200
Size (W x H x D)	7.2 x 3.5 x 7.5 inch
Weight	1.5 lb
Power consumption	< 4 Watts (10 to 16 V DC)
Operating temperature	-22 °F to +149 °F (-30 °C to +65 °C)
Storage temperature	-40 °F to +185 °F (-40 °C to +85 °C)
Casing	Waterproof, shock-resistant, and dustproof
Connectors	One Deutsch 12-pin
Number of ports	Three
Port type	Two RS-232, one ISO, 11783/J1939 (CAN 2.0B)
Mounting	One 5/8 inch threaded mounting hole, three integrated magnets for mounting directly to steel surface
Compliance	FCC Class A, CE, e-mark

Note: Cross-track error accuracy over 15 min, 95% of the time, in US Midwest with at least 5 satellites, PDOP ≤ 6, SNR ≥ 40, Elevation Mask = 8 using WAAS differential corrections. WAAS is a free service available in the US. Specifications subject to change without notice.

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