

AGM-1 Guidance Receiver



Durable Manual Guidance

Designed to suit virtually any agricultural machine type, make and model; the Topcon AGM-1 receiver provides flexible manual guidance in a compact and durable form.

FEATURES

- Scalable accuracy – Autonomous and SBAS (WAAS, EGNOS, and MSAS)
- Interface flexibility – Topcon X-Family consoles, NMEA0183 and NMEA2000
- High durability – IP69K
- TruPass™ advanced positioning technology for higher, more stable pass-to-pass accuracies in dynamic applications

PHYSICAL	
Housing	PBT + PC Alloy housing with good chemical and UV resistance
Dimensions (h x w x d)	130.4 x 141.4 x 53 mm
Weight	250 g
LEDs	1 tri-color satellite status
Mounting	4 * M4
Connector	Deutsch DT12
ENVIRONMENTAL	
Operating temperature	-30°C to 60°C (-22°F to 140°F)
Storage temperature	-40°C to 80°C (-40°F to 176°F)
Ingress protection	IPX7 and IP69K
Vibration	ISO 15003/DIN 10046 PART 8
Shock	ISO 15003/DIN 40046
Salt Spray Test	ISO 15003
Humidity	95%, non-condensing
Certification	CE, FCC, RED, & RCM
POWER	
Input voltage	9-16 VDC
Consumption	<3 W
COMMUNICATION INTERFACES	
RS-232 interface	2 serial ports
CAN interface	1 CAN port (No internal termination)
PPS/EVENT	Yes. Shared with second serial port
Power on switch signal (timer enable)	Yes
TRACKING SPECIFICATIONS	
Standard Channels	224 universal channels
Tracked Signals	GPS L1/L2 BeiDou GLONASS L1/L2 QZSS GALILEO E1
Differential correction signal	SBAS (WAAS, EGNOS, & MSAS)
Cold Start	60 sec (standalone)
Warm Start	10 sec (standalone)
Reacquisition	<1 sec
Digital navigation part	Paradigm 3.5
DATA FEATURES	
Format	Topcon GRIL, NMEA0183, NMEA2000

Specifications subject to change without notice.
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