

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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