



## Rover RTK/base station ACH-5601/ACH-5602

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### Execution of agricultural work with high accuracy:

- plowing
- sowing
- application of mineral fertilizers
- chemical treatment
- weeding between rows
- taking soil tests
- harvesting

The use of precision farming equipment to obtain coordinates with errors up to  $\pm 5$  cm

Use for geodetic works

Element of the automatic piloting system of a moving object



# SPECIFICATIONS

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**The number of reception channels -198**

**Signals: GPS - L1C / A, L2C**

**GLONASS - L1OF, L2OF**

**GALILEO - E1B / C, E5b**

**BEIDOU - B1I, B2I**

**QZSS L1C / A, L2C.**

**The accuracy of determining the coordinates in the RTK mode is not worse, cm - 2.5.**

**Time to receive the first decision in the offline mode "Cold start" no more, s - 24. Time to receive the decision in RTK mode no more, s - 60.**

**Frequency of navigation data update up to 10 Hz.**

**Operating temperature from minus 40 ° C to plus 85 ° C.**

**Supply voltage from 9.0 V to 30.0 V.**

**Power consumption W, no more - 3.5.**

**Interfaces: - 2 RS232 / 422 (1 - input of RTK corrections according to the RTCM 3.3 protocol, 2 - issuance of a navigation decision according to the NMEA protocol);**

**- Bluetooth (simultaneously - input of RTK corrections according to the RTCM 3.3 protocol and issuance of a navigation solution according to the NMEA protocol).**

**Overall dimensions: - diameter no more than - 166 mm,**

**- height no more - 110 mm.**

**Weight, not more, kg - 0,5**

**Dust and moisture protection - class IP65 according to IEC 60529**

**Mechanical stability - class IK07 according to IEC 62262.**

**Assigned rhesus - 50,000 hours.**

**Assigned service life - 10 years.**

**Warranty period - 6000 hours for 2 years.**

