**10. Service and maintenance notes**

**11. Additional notes.**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Producer:**

**Resurscontrol Ltd**

Russia, 214012, Smolensk, Roslavl highway, 7 km, office and amenity building, room №13

Web: [www.resurscontrolpro.com](http://resurscontrolpro.com/)

e-mail: info@resurscontrolpro.com

+7(910)7127734 (), resurscontrolPRO()

**Technical assistance (24 hour a day): +7 (4812) 33-98-70**

**6. Information about the movement of the product in operation**

Commissioning date (sale)

«\_\_\_\_\_»\_\_\_\_\_\_\_\_\_ \_\_\_\_

 М.П.

**7. Operation, storage and shipment**

**Operation conditions:**

|  |  |
| --- | --- |
| Temperature | From - 40°С до + 80°С |
| Humidity (no more than) | 93% (when t° = + 40°С) |

**Storage and shipment conditions:**

 Prior to transfer the product to the User, storage and shipment of the Products should be carried out in standard packaging, with no aggressive substances and vapors, at an ambient temperature from + 5 ° C to + 30 ° C.

**Limitations of Service conditions:**

**Unacceptable:**

* Use the product for other than the purpose specified;
* Interfere in the working process of the product, self-repair or dismantle the product;
* Use or store the product violating the conditions of operation and storage;

**Resurscontrol Ltd**

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**Navigation controller «RC mini»**

**PASSPORT**

**PRC 03303617.001 ТA**

**Technical details:**

|  |  |
| --- | --- |
| **Title** | **Value** |
| Dimensional specifications, with no case and system connector of the product, mm | 70х65х10 |
| Weight no more than, g | 67 |
| Supply voltage, V | 10-44 |
| Surge voltage protection, V | 500 |
| Power consumption, Vt | 1,4 |
| Built-in-charger for connection the automobile storage battery | Yes |
| Navigation module | MC60 (Quectel) |
| Antennas GNSS/GPS/GSM | Internal |
| Nonvolatile memory | 75000 points |
| Operating temperature, °С | -40...+80 |
| SIM-keeper | 2  |
| Analog input | 1 (AIN1) |
| 1-Wire | Yes |
| Built-in accelometer | Yes |
| Universal frequency discrete input | 2 (-/+ DIN1-; +/- DIN1+) |
| **When connecting daughter board «RC clever»:** |
| Analog input | 1 (AIN2) |
| Interface RS 485-A | 1 |
| Interface RS 485-B | 1 |
| Universal frequency discrete input | 2 (-/+ DIN2-; +/- DIN2+) |
| Discrete output | 1 (OUT1) |

**1. Key information about the product:**

Navigation controller «**RC mini»** (further – the product).

Production serial number (ID):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Manufacture date «\_\_\_\_\_»\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_

 Manufactured by Resurscontrol Ltd. in accordance with the specifications of PRC.03303617.001 TA.

The product is an electronic device operated by a microcontroller, composed of an electrical board with electronic components installed on it, with mode indicators, an antenna connector, and a cable for connecting to a power source (vehicle electrical system).

The product is designed to receive GNSS navigation signals and identify the vehicle’s navigation characteristics (geographic coordinates, travel speed, etc.), record and store the gathered information in non-volatile memory and transmit it to the server (to the control center) via GSM channels.

The product is designed to operate from the vehicle’s on-board network (hereinafter - TS) with a rated voltage of 12 or 24 V.

**2. Package contents:**

|  |  |
| --- | --- |
| Title | Number of items |
| Navigation controller | 1 |
| Connector or the car outlet  | Yes/No(underline whatever applicable) |
| System connector | 1 |
| Extra wires | 4 |
| Passport | 1 |
| Storage battery (optional) | Yes/No(underline whatever applicable) |
| Cigarette lighter plug cable (optional) | Yes/No(underline whatever applicable) |
| Suction cup set(optional) | Yes/No(underline whatever applicable)1 |

**3.** **Operation and storage lifetime, warranty**

Warranty period: **5 (five)** years from the date of manufacture of the Product.

Operation lifetime : **10 (ten)** years from the date of manufacture of the Product (in case of the operating conditions and timely maintenance support is obsreved).

**The conditions for refusal of guaranteed repair service:**

* the traces of inappropriate conditions of operation, transportation or storage of the Product;
* traces of chemical, mechanical or thermal effects (meltback, corrosion, cracks, deformation, etc.);
* defects caused by an accident, natural disaster, intentional or careless actions of the User, wrong or negligent handling or use in emergency conditions.

**8. Utilization.**

 Utilization of the Product is carried out in the manner prescribed by the Federal Law "On Production and Consumption Waste".

**9. Details of the content of precious metals.**

 The «RC mini» navigation controller does not contain precious metals and components in quantities subject to rregistration and accounting.

**4. Details of the acceptance.**

 The navigation controller «RC mini» comply with the requirements of PRC 03303617.001 TA and accepted for commissioning.

 Date of acceptance corresponds to the date of manufacture.

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 signature (surname, initials)

**5. Details of packaging.**

 The navigation controller «RC mini» is packed due to the requirements of PRC 03303617.001 ТA.