TAT141 Status info

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Contents

Status Info

Status info enables the user to monitor real time information of TAT141. Following fields are displayed:

- Device Info
- GNSS Info
- GSM Info
- I/O Info
- Maintenance

User is able to export all of the information to **.HTML** file using icon which is at the top right corner of the **Device Info** area.

Device Info

- Device Name
- BlueNRG and Modem firmware version
- Last Start Time - last device start time.
- Power Voltage (mV)
- RTC Time - real time clock or current device time.
- External Storage (used/total) - Internal Flash memory free space.
- Device IMEI
- Battery Voltage (mV)
- Device Uptime – device uptime from last start time.

GNSS Info

- GNSS status
  - Module status – ON
  - GNSS packets – the amount of GNSS packets device received from startup.
  - Fix Status – Fix/No Fix.
  - Fix Time – the last GNSS fix time.
- Location
  - Latitude/Longitude – shows current device coordinates and if you press them opens Object location window with map.
  - Altitude, Angle
  - HDOP, PDOP
  - Speed - current device speed.
- Satellites
  - Visible – the amount and type of satellites that are visible.
  - In Use – the amount of satellites used for location positioning.

GSM Info

- GSM status
  - Modem Status
  - SIM State – Ready/Unknown
  - GPRS Status – Activated/Deactivated
  - Actual Operator Code
  - Signal Level
- GPRS traffic
  - Sent Data – the amount of data that has been sent by device.
  - Received Data – the amount of data that has been received by device.
  - Total Traffic – Sent Data + Received Data
- Sockets information:
  - Type – AVL Data Sending
  - Socket – Closed or Server domain and port which is used when sending AVL Data via TCP/UDP.
- Records
  - Sent Records count – how many records were sent to the server since last data reset.
  - Last Record Send – date and time when the last record was sent.
  - Last Server Response Time – date and time when the last server response was.
- SMS Count
  - Received SMS – the amount of SMS messages device has received.
  - Sent SMS – the amount of SMS responses that were sent from the device.
  - SMS Count – Received SMS + Sent SMS

I/O Info

- I/O Data - shows the current values from all configurable I/O elements.

Maintenance

- Log/Dump
  - Log - after button is pressed, the device starts log capturing for 10 minutes with configuration download. After this time device .log and configuration .cfg will be in compressed archive.

    Archive name: `YYYY_MM_DD_HH_MM_SS_X_IMEI_Log.zip`
    Default directory: `C:\Users\<username>\Documents`

  - Dump - after button is pressed, the device starts to download .dmp logs and configuration .cfg from device in compressed archive.

    Archive name: `YYYY_MM_DD_HH_MM_SS_X_IMEI_Dump.zip`
    Default directory: `C:\Users\<username>\Documents`
    Dump files can be read only with special software. If needed, provide these files to your Teltonika sales manager or Teltonika Support team.

  - Open directory - this button appears near **Log** or **Dump** if one of these functions were used.

- Accelerometer - after button is pressed, the device starts to capture accelerometer values for 1 second.