

Information regarding Release

OWL LTE M12 User Module GPS Version 1.6.4

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Table of Contents

1. Preface.....	3
2. Supported Device.....	4
3. Change Log.....	5
4. Hirschmann Software Conditions.....	7
1. Definitions.....	7
2. Subject of the Contract.....	7
3. Extent of Performance and Function.....	8
4. Updates	8
5. License Fees	8
6. Right of Use.....	8
7. Proprietary Rights.....	8
8. Obligation to Inspect and Report Defects	9
9. Warranty.....	9
10. Liability of the Licensor/Exclusion of Liability	9
11. Statute of Limitation/Warranty Period	10
12. Return of the Program.....	10
13. Termination of the Contract.....	10
14. Written Form.....	10
15. Choice of Law, Legal Venue	10
16. Partial Invalidity	10
17. Export	11
5. Licenses	12
Copyright of Integrated Software	12

1. Preface

This area contains the current OWL LTE M12 GPS User Module Software version and information about your OWL LTE M12 device.

The OWL LTE M12 GPS User Module 1.6.4 is released for OWL LTE M12 SW version 01.2.04.

2. Supported Device

You need the following files for this device:

File	Device	Comment
gps.v3.tgz	OWL LTE M12	GPS 1.6.4

3. Change Log

v1.0.1 (2012-08-23)

- * First release

v1.0.2 (2012-09-13)

- * Added support for internal GPS of Cinterion PHS8 module

v1.0.3 (2012-09-25)

- * Fixed NMEA USB port recovery

v1.0.4 (2013-01-09)

- * Added firmware revision check for MC8705 module

- * Added possibility to manually switch antenna input for MC7710 module

v1.0.5 (2013-01-16)

- * Suppressed log message about GPSSEL failure for MC8705 module

v1.0.6 (2013-02-13)

- * New item text format at Status->Location

v1.0.7 (2013-07-11)

- * Added NMEA messages forwarding over TCP/UDP

- * Extended internal SNMP server MIB tree by GPS data (FW 3.0.7 or newer only)

- * Added system time synchronization by GPS date and time

- * Removed active/passive antenna selection (not needed more)

v1.0.8 (2013-11-18)

- * Fixed module quit when GSM firmware revision can't be read

v1.0.9 (2014-01-13)

- * Added GPS restart if location is not read within predefined time period

v1.1.0 (2014-05-29)

- * Added support for UCR11 v2 (BIVIAS)

v1.1.1 (2014-09-18)

- * Added support for MC7304 module (without antenna switching possibility, because only GPS antenna input is working in current firmware)

- * Added support for PLS8 module

v1.1.2 (2014-10-15)

- * Added support for HCR-v2 board (BIVIAS)

v1.1.3 (2015-01-13)

- * Fixed locking for Sierra modules

v1.1.4 (2015-01-21)

- * Fixed open/close for Gobi 3000 modules

v1.1.5 (2015-03-04)

- * Fixed SNMP failiting when reporting by TRAPs is disabled

v1.1.6 (2015-03-26)

- * Added support for MC7700 and MC7750 modules (always use GPS antenna input only)

- * Fixed antenna selection for HCR-v2 board (BIVIAS)

v1.1.7 (2015-06-05)

- * Fixed problem with disconnecting/connecting ttyUSB0 device

v1.1.8 (2015-09-11)

- * Disabled SNMP TRAPs for router OWL LTE

v1.1.9 (2015-12-01)

* Fixed duplicate "Power/Antenna" configuration for PLS8 module

v1.1.10 (2016-03-21)

* Added GPSD daemon (<http://www.catb.org/gpsd/>)

v1.2.0 (2016-07-19)

* Added support of Telit SL869-DR

* Added Hirschmann SNMP OID

* Fixed registration to SNMPD

v1.3.0 (2016-08-31)

* Added antenna power configuration on Telit SL869-3DR

v1.3.1 (2016-09-16)

* Fixed cooperation between Telit SL869-3DR and GPSD daemon

v1.3.2 (2016-10-02)

* Fixed NMEA buffer overflow

* Tightened condition for time synchronization

v1.3.3 (2017-01-24)

* Added building two versions, one with DR nmea records dropping

v1.3.4 (2017-03-28)

* Fixed autodetection of Telit GPS speed

v1.4.0 (2017-04-05)

* Added support of Quectel EC25

* Added identification of module by VID/PID

v1.5.0 (2017-05-25)

* Added pseudoterminal as new destination for raw NMEA output

v1.5.1 (2017-08-21)

* Fixed segmentation fault during service stop

v1.5.2 (2018-03-23)

* Enabled broadcast on UDP socket

v1.5.3 (2018-06-11)

* Enabled output of GLONASS NMEA sentences at EC25 module

v1.5.4 (2018-07-26)

* Reworked detection of router platform

v1.5.5 (2018-07-30)

* Fixed enabling of GLONASS NMEA sentences at EC25-AU module

* Fixed too aggressive access to GPS module

v1.6.0 (2018-09-05)

* Added support of Quectel BG96 modules

v1.6.1 (2018-09-27)

* Added expected ranges of values to JavaScript error messages

v1.6.2 (2019-01-02)

* Added licenses information

v1.6.3 (2019-03-11)

* Fixed detection of Telit SL869-DR

v1.6.4 (2019-03-27)

* Added support of PLS8-E version 4

4. Hirschmann Software Conditions

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A Customer for the purposes of this contract is a natural person who or a legal entity which agrees to these Hirschmann Software Conditions as stipulated above.

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Shall have the meaning ascribed to it above.

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Shall have the meaning ascribed to it above.

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A third party for the purposes of this contract is a natural person who or a legal entity which receives Software deliveries from the Customer and not from Hirschmann. Apart from required acknowledgement of the third party to these Hirschmann Software Conditions, in the event of a transfer of the Software to a third party, agreement on the contract terms with the third party shall be incumbent upon the Customer, on its own responsibility.

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8. Obligation to Inspect and Report Defects

The Customer is obliged to examine the delivered Software, including documentation, within 8 working days after delivery, especially with regard to data carriers and manuals, as well as to the operability of the basic program functions.

Defects which are thereby ascertained or ascertainable must be reported to Hirschmann without undue delay. The notification of defects must contain a best-efforts description in detail of the defects. Defects which are not ascertainable within the framework of the described and orderly examination must be reported within 8 working days after their discovery in compliance with the described defect requirements. Upon failure to fulfil the obligation to examine and inspect, the Software is considered as accepted with due regard for concerned defects.

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The precondition for the rectification of errors is that the effects of the errors be reproducible, that they be adequately described by the Customer, and that the error be reported to Hirschmann within the term stipulated in section 8.

The warranty is excluded to the extent that the error is due to the Customer or a third party making modifications of any kind to the Software or data carriers or treating them in an improper manner.

Hirschmann warrants that the data carrier is free from material or manufacturing defects. Hirschmann will replace any defective data carriers with data carriers which are free of defects.

The Customer has the right to demand a reduction of the user's fee upon an unsuccessful replacement shipment, or to rescind the contract without cost. In the event of rescission, the Customer will return to Hirschmann any data carrier with the Software and documentation pertaining thereto or will destroy any existing copies.

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12. Return of the Program

If the program delivered based on this contract is partially or wholly exchanged within the framework of the warranty performance, then the Customer is obligated to verifiably destroy the original of the program or to return it to Hirschmann.

13. Termination of the Contract

The Customer is able to terminate the contract at any time in whole or in part.

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14. Written Form

Supplementary agreements and modifications must be in written form. This applies also to a waiver of this written-form requirement.

15. Choice of Law, Legal Venue

The application of German law is hereby agreed. For any disputes which should arise as a result of the contractual relationship when the Customer is a fully-qualified merchant, a legal entity under public law or a special fund under public law, then the court at the place of Hirschmann's headquarters will have jurisdiction.

16. Partial Invalidity

If a condition of this contract should be or become invalid, the validity of the remaining conditions shall not be affected thereby. In such an event, the invalid condition is to be understood, interpreted or replaced so that the economic purpose pursued through it is achieved.

17. Export

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