

CM2-4G-GPS

Cellular plug-in module

SW version 1.5.1

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1 General information

1.1 Version information

The version 1.5.1 is a bugfix release.

1.2 Clarification of Notation

Note: *This type of paragraph calls the reader's attention to a notice or related theme.*

IMPORTANT: This type of paragraph highlights a procedure, adjustment etc., which can cause a damage or improper function of the equipment if not performed correctly and may not be clear at first sight.

WARNING: This type of paragraph highlights a procedure, adjustment etc., which can cause a damage or improper function of the equipment if not performed correctly and may not be clear at first sight.

Example: This type of paragraph contains information that is used to illustrate how a specific function works.

2 Changes in the version 1.5.1

Note: *This is a bugfix release.*

2.1 Bug fixes

- > Fixed reading large configurations
 - » IntelliConfig might fail to open connection to controller if the controller configuration was larger than ~240kB and it was not present in cache, so that it had to be read from the controller.

3 Changes in the version 1.5.0

Note: *This is a minor release.*

3.1 New features

- > IG1000 support
 - » Controllers from IG1000 family supported, minimal required HW version of the controller is 1.1.0.0 (PCB revision E)

3.2 Bug fixes

- > Fixed atomic mode for sending commands
 - » If the module detects controller which supports atomic sending of commands (protocol v.2) it will use this new method, otherwise it will default to original method.
- > Fixed various other minor bugs related to compatibility with controllers.

4 Changes in the version 1.4.0

Note: *This is a minor release.*

4.1 New features

- > ComAp/TCP protocol v.2 supported
 - >> This is only internal modification which does not affect existing functions.

5 Changes in the version 1.3.0

Note: *This is a minor release.*

5.1 New features

- > New HW revision support
 - » Added support for HW revision 1.4.0

5.2 Bug fixes

- > Connection stability improvements
 - » Removed unnecessary modem restarts in case of soft recoverable modem errors.

6 Changes in the version 1.2.4

Note: *This is a minor release.*

6.1 New features

- > FOTA support
 - » Over-the-air update of the cellular modem is supported.

6.2 Bug fixes

- > Reaction on SMS sending failure
 - » The cellular modem is not restarted after SMS sending failure. The failure is just reported into the controller and the module continues operation.

7 Changes in the version 1.2.3

Note: *This is a bugfix version*

7.1 Bug fixes

- > Minor changes in celular modem configuration.

8 Changes in the version 1.2.2

Note: *This is a bugfix version*

8.1 Bug fixes

- > SIM PIN requirement detection
 - » Modified procedure of detection whether a SIM card is inserted and if requires PIN or not. In previous versions some SIM cards might not have been accepted by the module although they were inserted and SIM PIN was not required.

9 Changes in the version 1.2.1

Note: *This is a bugfix version*

9.1 Bug fixes

- > Cellular modem handling
 - » Modified procedure of cellular modem powering on and off.

10 Changes in the version 1.2.0

Note: This version is the first update after initial release 1.0.0. Version 1.1.0 was intentionally skipped.

10.1 New features

- > Hardware support
 - >> Added support for hardware revision 1.2, backward compatibility with previous versions remains untouched.
- > Several minor enhancements

11 Notes

11.1 Document history

Revision number	Related sw. version	Date	Author
1	1.2.0	16.2.2022	Jan Tomandl
2	1.2.1	20.5.2022	Jan Tomandl
3	1.2.2	10.8.2022	Jan Tomandl
4	1.2.3	8.11.2022	Jan Tomandl
5	1.2.4	11.1.2023	Jan Tomandl
6	1.3.0	16.5.2023	Jan Tomandl
7	1.5.1	5.12.2023	Jan Tomandl