DRIVING EMBEDDED EXCELLENCE

ETAS

CBEB105.1-1m0 V2.0

Release Notes

Copyright

Contents

1 Introduction

1.1 Definitions and Abbreviations

Term/Abbreviation	Definition
EHI	**E**TAS **H**elp Desk **I**nternational
HW	Hardware
KIR	**K**nown **I**ssue **R**eport – For severe Problem Reports that occur after a release, ETAS has introduced the Known Issue Report to inform affected customer immediately. The current Known Issues of former versions can be found on the ETAS website: http://www.etas.com/kir
PR	Problem Report
SW	Software

1.2 References

None

1.3 Conventions

The following typographical conventions are used in this document:

Choose **File → Open**.	Menu commands are shown in boldface.
Click **OK**.	Buttons are shown in boldface.
Press <ENTER>.	Keyboard commands are shown in angled brackets.
The "Open File" dialog box is displayed.	Names of program windows, dialog boxes, fields, etc. are shown in quotation marks.
`Select the file setup.exe`	Text in drop-down lists on the screen, program code, as well as path- and file names are shown in the Courier font.
A *distribution* is always a one-dimensional table of sample points.	General emphasis and new terms are set in italics.

1.4 User Documentation

The CBEB105.1 user's documentation in PDF format can be downloaded on the ETAS download center www.etas.com/en/products/download_center.php.

2 Product Definition

2.1 Functions at a glance

The CBEB105.1-1m0 is a cable type device, which converts Automotive Ethernet to standard Ethernet and vice-versa. The product can be connected to BR_XETK to perform measurement and calibration of ECU parameters. The product enables transparent usage of

Open Alliance BroadR-Reach (OABR) based products with minimal latency inside the ETAS tool chain. The product facilitates a variety of applications such as Measurement, Calibration and ECU Flash Programming with e.g. BR_XETK and INCA.

The CBEB105.1-1m0 module is configured as a Master for the Automotive Ethernet connection.
The CBEB105.1-1m0-Slave module is configured as a Slave for the Automotive Ethernet connection.

2.2 General Description

2.2.1 Safety Notice

Hardware: Please adhere to the safety instructions to avoid injury to yourself and others as well as damage to the device. The existing regulations for safety at work and accident prevention must be followed. All applicable regulations and statutes regarding operation must be strictly followed when using this product.

Software: Calibration activities influence the behavior of the ECU and the systems controlled by the ECU. This may result in unexpected behavior of the vehicle and thus can lead to safety critical situations. Only well trained personnel should be allowed to perform calibration activities.

2.2.2 System Prerequisites

An ETAS hardware unit with Ethernet interface connected by a Lemo connector is needed, e.g. ES523, ES592, etc.

This kind of ETAS hardware also supplies the power for the use of the CBEB105.

2.2.3 Software Prerequisites

INCA V7.1 SP8 or higher is recommended for measurement and calibration. Refer INCA release notes for further information.

2.2.4 ETAS Compatible Hardware

The following ETAS hardware modules are compatible with CBEB105.1-1m0

- ES600 switch module
- ES523, ES592, ES593, ES595 using the Ethernet interface
- ES720
- ES910 (special cable with external power supply needed, for order number please contact ETAS support)

2.3 Delivery and Installation

The product is delivered without any further installation routine. For standard operation, OS software drivers are not required.

2.3.1 Used 3rd Party Software

None

3 Changes

This chapter describes functional changes with respect to the previous version of the CBEB105.1.

3.1 What's New

Release of CBEB100.1-1m0-Slave, configured as Slave for the Automotive Ethernet connection.

3.2 Fixed Problems

Problem Number	Title

None.

3.3 Known Issue Reports

If a product issue develops, ETAS will prepare a Known Issue Report (KIR) and post it on the internet. The report includes information regarding the technical impact and status of the solution. Therefore you must check the KIR applicable to this ETAS product version and follow the relevant instructions prior to operation of the product.

The Known Issue Report (KIR) can be found here:

http://www.etas.com/kir

3.4 Known Issues

Problem Number	Title

None.

4 Contact, Support and Problem Reporting

For details of your local sales office as well as your local technical support team and product hotlines, take a look at the ETAS website:

ETAS subsidiaries	WWW:	www.etas.com/en/contact.php
ETAS technical support	WWW:	www.etas.com/en/hotlines.php