



Software Release Note

Z-Wave Zniffer v4.67

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REVISION RECORD

Doc. Rev	Date	By	Pages affected	Brief description of changes
1	20150411	JFR	All	Initial draft
2	20150518	JFR	All	Minor typos
3	20150625	JFR	2.1.2	Clarified ZDB5202 support
4	20160307	SRO	2.1.1	Updated supported OS list Updated list of new features
5	20160420	JFR	2.1.1	Updated releases to ZWaveZniffer 4.55
6	20160722	JFR	2.1.1	Updated releases to ZWaveZniffer 4.56 and ZWaveXMLEditor 2.05
6	20160725	SRO	2.1.1	Release changed to ZWaveZniffer 4.57
7	20180306	BBR	All	Added Silicon Labs template
8	20180531	JFR	References	Updated Command Class references
9	20190313	SRO	2.1.1	Updated release to Z-Wave Zniffer 4.60
10	20190319	Ayurttas	All	TechPub Reviewed version
11	20190918	seroman1	All	Updated release to Z-Wave Zniffer 4.62 remove ZWaveXMLEditor 2.05 remove File Converter 1.05
12	20200708	OBOIKO	2.1.1	Updated release to Z-Wave Zniffer 4.63
13	20200831	OBOIKO	2.1.1	Updated release to Z-Wave Zniffer 4.64
14	20201124	OBOIKO	2.1.1	Updated release to Z-Wave Zniffer 4.65
15	20201128	SCBROWNI	2.1.1	Tech Pubs review of new section
16	20220426	VOSAVOST	2.1.1	Updated release to Z-Wave Zniffer 4.66 Updated list of new features and fixed issues
17	20220531	VOSAVOST	2.1.1.2, 2.1.1.3	Updated lists of fixed and known issues
18	20220531	CAOWENS	All	Minor typo
19	20230602	VOSAVOST	2.1	Updated release to Z-Wave Zniffer 4.67 Updated list of new features, fixed and known issues

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1 Introduction

The PC based Z-Wave Ziffer tool enables Z-Wave developers to analyze unsecure/secure and 9.6/40/100kbps/Long-Range RF communication between Z-Wave nodes.

2 Releases

2.1 PC-Based Z-Wave Zniffer v4.67

2.1.1 PC-Based Z-Wave Zniffer

The PC-based Z-Wave Zniffer tool enables Z-Wave developers to analyze unsecured/secured and 9.6/40/100kbps/Long-Range RF communication between Z-Wave nodes. The tool requires Zniffer firmware downloaded to the Z-Wave module to enable logging the RF communication. Be aware that the range of the Zniffer module may prevent logging of the entire network from one location. Zniffer supports Windows 7/8/10(32/64bit). The libraries are implemented in C# using Microsoft Visual Studio 2017. The .NET Framework version 4.6.1 or later is required. For detailed information, refer to [1].

2.1.1.1 New Features

1145297 – Added support of NCP(USB) application including LR frames parsing.

2.1.1.2 Fixed issues

1058635 – The decoding of the LR Wake Up Beam frames.

635412 – Parsing of bit mask fields used for S2 Keys Exchange.

2.1.1.3 Known issues

854558 – Reload XML filed doesn't work.

2.1.2 Z-Wave Zniffer 500 Series Firmware v2.55

The 500 Series Zniffer firmware that resides on the Z-Wave module enables logging RF communication. The Zniffer firmware does not support the ZDB5202 module.

2.1.2.1 New Features

None.

2.1.3 Z-Wave Zniffer 400 Series Firmware v2.33

The 400 Series Zniffer firmware that resides on the Z-Wave module enables logging RF communication.

2.1.3.1 New Features

None.

2.1.4 Z-Wave Zniffer 300 Series Firmware v2.29

The 300 Series Zniffer firmware that resides on the Z-Wave module enables logging RF communication.

2.1.4.1 New Features

None.

References

- [1] Silicon Labs, INS10249, Instruction, Z-Wave Zniffer User Guide.
- [2] Silicon Labs, INS10680, Instruction, Z-Wave XML Editor User Guide.
- [3] Silicon Labs, SDS11847, Software Design Specification, Z-Wave Plus Device Types Specification.
- [4] Silicon Labs, SDS13781, Software Design Specification, Z-Wave Application Command Class Specification.
- [5] Silicon Labs, SDS13782, Software Design Specification, Z-Wave Management Command Class Specification.
- [6] Silicon Labs, SDS13783, Software Design Specification, Z-Wave Transport-Encapsulation Command Class Specification.
- [7] Silicon Labs, SDS13784, Software Design Specification, Z-Wave Network-Protocol Command Class Specification.
- [8] Silicon Labs, SDS13548, Software Design Specification, List of defined Z-Wave Command Classes.

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