



Software Release Note

Z-Wave Zniffer

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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

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1 Introduction

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

2 Releases

2.1 PC-Based Z-Wave Zniffer v4.62

2.1.1 PC-Based Z-Wave Zniffer

The PC-based Z-Wave Zniffer tool enables the Z-Wave developers to analyze unsecure/secure and 9.6/40/100kbps RF communication between Z-Wave nodes. The tool requires a Zniffer firmware downloaded to the Z-Wave module to enable logging of 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 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

- Zniffer can record and display network load information.
- Zniffer allows to choose displayed columns

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 of the 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 of the 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 of the 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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