Revision list

# What's new netANALYZER Scope
netANALYZER Scope DVD

2018-04-1

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# 1 Introduction

## 1.1 About this document

This manual lists the major changes of the content of the netANALYZER Scope DVD for software and documents for this release compared with the last release.

## 1.2 List of revisions

| Rev | Date | Name | Revision |
|-----|------|------|----------|
| 4 | 2017-05-23 | HPf/HH | Created for netANALYZER Scope DVD 2017-05-1. |
| | | | The content from the netANALYZER DVD (standard DVD) has been merged with the netANALYZER Scope DVD to have all content on one DVD only. |
| 5 | 2018-04-18 | HPf/HH | Created for netANALYZER Scope DVD 2018-04-1. |

*Table 1: List of revisions*

# 2 What's new – netANALYZER Scope DVD

This manual lists the major changes of the content of the netANALYZER Scope DVD for software and documents for this release compared with the last release.

## 2.1 Hardware

The following list compares the hardware revision covert by the netANALYZER Scope DVD.

| Hardware | Device name | Order number | Revision covert with DVD 2017-05-1 | Revision covert with DVD 2018-04-1 |
|---|---|---|---|---|
| NANL-C500-RE | netANALYZER Card PCI RTE | 7310.100 | 4 | 4 |
| NANL-B500E-RE | netANALYZER Box PCIe RTE | 7311.100 | 3 | 3 |
| NANL-B500G-RE | netANALYZER Box Gigabit RTE | 7313.100 | 4 | 4 |

*Table 2: Hardware revision*

## 2.2 Firmware

For NANL-B500G-RE the firmware image was updated to 1.7.0.0. The firmware can be found in the directory "NANL-B500G-RE firmware update". NANL-B500G-RE devices must be updated manually. For details about the update process, see netANALYZER device user manual.

**New feature**: Support for PROFINET quicktester in autonomous operation mode.

> **Note:**
> The firmware update is mandatory in order to use netANALYZER Scope V2.9.

## 2.3    netANALYZER Scope

Version 2.9 of **netANALYZER Scope** has been released with new features:

**New feature: PROFINET quicktester**

Quick and easy analysis of PROFINET networks, providing

- device list,
- conversation tables,
- traffic shape,
- event log including alarm decoding as text, and
- PDF report.

Please note, that a license is required to use the quicktester functions.

**New feature: Improved EtherCAT direction detection**

Extension of the direction detection of an EtherCAT stream: the input/ output direction detection is also based on the WKC (working counter) value of EtherCAT datagrams.

**New feature: Connect to NANL-B500G-RE via fixed IP address**

Additional to scanning for devices in the device assignment window, you can use a fixed IP address to connect to a NANL-B500G-RE device. This allows you to connect to a NANL-B500G-RE device located in another subnet.

**Bug fixes**

Several minor bug fixes.

## 2.4     netANALYZER Device Driver

**Version**

The netANALYZER Device Driver was updated to version 1.8.0.0.

**Changes**

Firmware files updated.

## 2.5     Documentation

**Operation instruction manual: netANALYZER Scope**

All new features as listed in section *netANALYZER Scope* [▶ page 4] are added.

File name: netANALYZER Scope OI 08 EN.pdf

**User manual: netANALYZER devices**

Section "Characteristics of the input signal at the I/O interface" added.

Section "Data load limitation" added.

File name: netANALYZER UM 21 EN.pdf

**Operating instruction manual: Ethernet Device Configuration**

Windows 10 added.

File name: Ethernet Device Configuration OI 10 EN.pdf

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