

LabWindows/CVI, VXIplug driver history for the R&S® Directional Power Sensors

Products:

- | R&S® NRT-Z14
- | R&S® NRT-Z43
- | R&S® NRT-Z44



Driver history for LabWindows/CVI and
VXIplug&play Instrument Driver for
C/C++, VEE, MATLAB® etc.

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1 Supported Instruments

In the following table the supported Rohde & Schwarz instruments and firmware versions are listed:

Which instruments are supported?		
Current revision of instrument driver supports these instruments and firmware versions:		
Instrument	Supported Firmware	Remarks
NRT-Z14		
NRT-Z43		
NRT-Z44		

2 Getting Started

2.1 LabWindows/CVI driver

The Rohde & Schwarz rsrtz Instrument driver can be used in LabWindows/CVI 6 and later. In order to be able to compile an application it is required to add following files to your LabWindows/CVI project:

- *rsrtz.c*
- *rsrtz.h*
- *rsrtz.fp*

2.2 VXIplug&play driver in C# and Visual Basic.NET

A C# or VB wrapper is necessary to enable a direct access to the driver DLL. The rsrtz wrappers are automatically installed in the following folders:

C:\Program Files (x86)\IVI Foundation\VISA\WinNT\include\rsrtz.cs
C:\Program Files (x86)\IVI Foundation\VISA\WinNT\include\rsrtz.vb

2.3 Linux and Mac OS X

To be able to use Rohde & Schwarz rsrtz Instrument driver in Linux or Mac OSX, the functioning VISA is required. Then, the process is the same as using LabWindows/CVI driver.

2.4 Additional Help

The LabWindows/CVI and VXIplug&play instrument driver contains in addition the instrument driver documentation in compressed HTML format (Windows CHM help file **rsrtz_vxi.chm**) and stored together with the driver sources or in the following folder:

C:\Program Files (x86)\IVI Foundation\VISA\WinNT\rsrtz\rsrtz_vxi.chm

3 LabWindows/CVI and VXIplug&play History

rsnrtz Instrument Driver		
Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for, C/C++, VEE, MATLAB®, etc.		
Revision	Date	Note
1.4.2	06/2008	Modifications: <ul style="list-style-type: none"> - added NRT-Z14 - added .NET wrappers - added CHM help file - new installer
1.4.1	12/2003	Modifications: For LabWindows/CVI <ul style="list-style-type: none"> - fixed FP of rsnrtz_init
1.4	08/2002	Modifications: <ul style="list-style-type: none"> - fixed error checking in functions rsnrtz_configCCDF, configCarrFreq, configAver, configMeas, configMeasWithStat - fixed missing parentheses in function readASCII - added function rsnrtz_configMod - added function rsnrtz_configAttn - driver changed to meet latest VXIpnv specifications
1.3	10/1999	Modifications: <ul style="list-style-type: none"> - fixed range checking in function rsnrtz_configCCDF - removed function rsnrtz_reconfigInterface from export functions - removed unused macros
1.2	05/1999	Modifications: <ul style="list-style-type: none"> - changed IDN query in Initialize (supports now any response that contains NRT-Z43 or NRT-Z44)
1.1	03/1999	Modifications: <ul style="list-style-type: none"> - changed valid range for Burst Width/Burst Period - added error code rsnrtz_ERROR_INSTR_ERROR_RANGE

About Rohde & Schwarz

Rohde & Schwarz is an independent group of companies specializing in electronics. It is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation, as well as secure communications. Established more than 80 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

Environmental commitment

- Energy-efficient products
- Continuous improvement in environmental sustainability
- ISO 14001-certified environmental management system



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