

R&S®InstrumentView

Release Notes

Software Version 2.4.1

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1328.7315.00 | Version 14 | R&S®InstrumentView

The software makes use of several valuable open source software packages. For information, see the "Open Source Acknowledgment" provided with the product.

The following abbreviations are used throughout this document: R&S® InstrumentView is abbreviated as R&S InstrumentView.

PAD-TM: 3574-3288-02/03/00/C/1/1/EN

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1 Information on the Current Version and History

You can use R&S® InstrumentView with the following products:

- ▶ R&S®FSH4 series
- ▶ R&S®ZVH
- ▶ R&S®FPH
- ▶ R&S®ZPH
- ▶ R&S®ZNH
- ▶ R&S®FPC
- ▶ R&S®FSC
- ▶ R&S®RTH1000
- ▶ R&S®RTA4000
- ▶ R&S®RTB2000
- ▶ R&S®RTC1000
- ▶ R&S®RTM3000
- ▶ R&S®PR200
- ▶ R&S®EM200

Available functionality may vary depending on the connected device.

1.1 New Functions

The following table lists the new functions and indicates the version in which the new function was introduced:

New Function of Software V2.4:

Version	Function
V2.4	Support for Receivers: R&S®PR200 and R&S®EM200 including editors for Transducer Correction Set, Memory List and Suppress List.
V2.4	Support for Network Analyzer: R&S®ZNH including extended editor for Calibration Kit definition.

New Function of earlier Software versions:

Version	Function
V2.3	EIRP measurement mode support (for R&S®FPH and R&S®ZPH).
V2.3	USB connection support for Oscilloscope devices.
V2.2	Support for Waveguide dispersion calibration (for R&S®FSH and R&S®ZVH) in the Calibrations Kit Editor.
V2.1	Support for Oscilloscope devices: R&S®RTH1000, R&S®RTA4000, R&S®RTB2000, R&S®RTC1000 and R&S®RTM3000.
V2.0	Support for EMF Live Editing and EMF Quick Scan.
V2.0	ASK/FSK Mode support for R&S®FPH and R&S®ZPH.
V2.0	Dual Trace support for S11/S21 in Vector Network Analysis (for R&S®FPC1500).
V1.90.1	Support for R&S®ZPH model 12.

Version	Function
V1.90	Support for DTF threshold List.
V1.90	One click solution to generate reports across subfolders.
V1.90	Receiver Dual Trace support and Receiver Peak List support (for R&S®FPC only)
V1.90	Support for Logarithmic Limit lines.
V1.90	Included standard Limit Line templates for testing EMC Compatibility.
V1.70	Support for R&S®FPC-K42: Vector Network Analysis (for R&S®FPC1500 only).
V1.70	Support for R&S®FPC-K7 ASK/FSK with Bluetooth LE and Tire Pressure standard, burst processing, and an IQ power trigger support.
V1.70	Support for Logarithmic display in R&S®FPC-K43: Receiver Mode.
V1.70	Fixed Visa transfer errors with bigger files.
V1.70	New Menu Option in Network Analyzer and CAT modes to copy trace as single image.
V1.70	Fixed the issue with Display Line 2, which was not showing in ZPH DTF Split Screen.
V1.70	Dropped support of Windows XP.
V1.60	Support of ZPH Distance To Fault: Split Screen.
V1.60	Support for adding comments and pictures per measurement dataset in reports.
V1.60	Command line ZVH dataset to ZPH dataset converting.
V1.60	Command line dataset to CSV format converting.
V1.50	Remote Firmware Update.
V1.50	Command line dataset processing.
V1.50	Support loading and saving of instrument files using CSV format.
V1.40	Support of Channel Power, Occupied Bandwidth, TDMA Power, Spectrum Emission Mask, ACLR, Harmonic Distortion, AM Modulation Depth.
V1.40	Support of Network Analyzer.
V1.40	Support of Cable and Antenna Tester
V1.40	Support of Distance To Fault
V1.40	Support of Vector Volt Meter
V1.40	Support of FPH and FPC1000 Receiver Mode
V1.40	Support of Interference Analyzer: Carrier to noise, Carrier to Interference
V1.40	Support for full dataset retrieval
V1.40	Support for Meter/Feet
V1.40	"Active to Dataset" & "Dataset to Active" functionality
V1.31	Lab Display (Control of multiple devices)
V1.31	Connection Manager
V1.30	Support of FSH4/8/13/20 Receiver Mode
V1.30	Support of Signal Strength Mapping
V1.30	Support of Spectrogram / Long time recording
V1.20	Support of AM/FM demodulation application
V1.20	Support of the Wizard functionality
V1.20	Support of Remote Display

1.2 Modified Functions

The following table lists the functions modified for V2.3:

Version	Function
V2.4	Support for hostname included in Connection Manager.
V2.4	Support for SCPI port configuration for PR200 and EM200, in Connection Manager.
V2.4	Transducer Editor selection for Spectrum Analyzers and Monitoring Receivers

The following table lists the functions modified in earlier Software versions:

Version	Function
V2.3	Fixed unit conversion issues in Unit Settings in the Power Meter Mode.
V2.2	Improved preview drawing in Transducers editor for constant values.
V2.1	Added Cable Model data points to CSV export for ZPH-CAT measurements.
V2.0	'Use Channel Filter' added to SEM and ACLR in Standards Editor.
V2.0	Enabled saving of changed settings in Multi Transfer.
V1.90	Increased default Frequency Range restrictions in the EMF Config Editor to 20GHz.
V1.90	Fixed results for limit lines in Receiver Mode with transducer.
V1.90	Enabled Preview for SEM Type in Standards Editor.
V1.90	Corrected the result computation and view for relative limit lines.

1.3 Improvements

The following table lists the improvements and issues eliminated in V2.3.1:

Version	Function
V2.4.1	Fixes and improvements to ZNH support.
V2.4	Fix to handle 2 Channel Scope devices.

The following table lists the improvements and issues eliminated in earlier versions:

Version	Function
V2.3.1	Older version InstrumentView installation could fail in combination with latest Windows security patch updates. This issue is fixed.
V2.3	Fixed the cKit file compatibility issue in FPC/FPH/ZPH seen in V2.2.
V2.2	Fixed incorrect start and stop frequency shown in ZVH DTF measurement.
V2.2	Fixed Indoor maps with gps not working for some gps coordinates.
V2.2	Fixed file name clipping in Landscape Print mode.
V2.2	Fix for inverted horizontal axis for imported Scope CSV data.
V2.2	Fix to prevent trigger initialization on RTM after Get-trace.
V1.90	Performance and memory improvements within the Report Generator.
V1.90	Performance improvements in Multi Transfer and File Transfer.
V1.90	Enabled display line in setup.

1.4 Known Issues

The following table lists the known issues and indicate since which version the issue could be observed:

Known Issues of Software V2.1:

Since	Function
V1.50	Multiple USB Remote Displays are not working reliable

1.5 Prerequisites

R&S®InstrumentView requires Windows Installer 4.5. For Windows versions Vista SP1 and below, please download Windows Installer 4.5 from the link below.

<https://support.microsoft.com/en-us/help/942288/windows-installer-4.5-is-available>

2 Customer Support

Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz equipment, contact one of our Customer Support Centers. A team of highly qualified engineers provides telephone support and shall work with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz equipment.

Up-to-date information and upgrades

To keep your instrument up-to-date and to be informed about new application notes related to your instrument, please send an e-mail to the Customer Support Center stating your instrument and your wish. We will take care that you will get the right information.

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