

# R&S®AdVISE

## Release Notes

### Software Version 5.4

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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®AdVISE is abbreviated as R&SAdVISE.

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# 1 Information on the current version and history

## 1.1 Version 5.4

### New Functionality

Version	Functions
V5.4	New ROI: Disturbance (use for large ROIs with small changes such as in CISPR35)

### Modified Functionality

Version	Functions
V5.4	ROI Motion (Formerly Motion Freeze): Functionality extended to detect motion

### Improvements

Version	Improvements
V5.4	ROI Types: Light On / Off, Color change, Intensity Change, Object In / Out: Provision window extended with additional optical information of current value and lower and upper limit
V5.4	ROI Types: Light On / Off, Intensity Change, Color Change, Flashing Light, Object In / Out, Motion, OCR Number / Text: ROIs can be copied including their configuration
V5.4	During test mode the property of ROIs can be changed.
V5.4	Remote Test: EMS values are included in the printed report
V5.4	Snapshot function in Media Player saves the correct picture
V5.4	ROI OCR Text: Special character "]" (vertical bar) in reference test no longer causes AdvISE to crash
V5.4	Media Player: Added buttons for jumping to next / previous event
V5.4	Event List: Events can be filtered and filters can be saved
V5.4	User with virtual camera option can use now virtual mode even if there is no physical camera connected

### Known Issues

Version	Known-Issues
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V5.4 -

#### Additional Information

Version	Additional Information
V5.4	-

## 1.2 Version 5.3

#### New Functionality

Version	Functions
V5.3	-

#### Modified Functionality

Version	Functions
V5.3	-

#### Improvements

Version	Improvements
V5.3	Addition of possibly missing system files for the SW installation.
V5.3	Performance improvements

#### Known Issues

Version	Known-Issues
V5.3	-

#### Additional Information

Version	Additional Information
V5.3	-

## 1.3 Version 5.2

#### New Functionality

Version	Functions
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V5.2 -

### Modified Functionality

Version	Functions
V5.2	-

### Improvements

Version	Improvements
V5.2	Improving the installation of the software

### Known Issues

Version	Known-Issues
V5.2	-

### Additional Information

Version	Additional Information
V5.2	-

## 1.4 Version 5.1

### New Functionality

Version	Functions
V5.1	-

### Modified Functionality

Version	Functions
V5.1	EMS overlay information: The font is now fixed and limited to four sizes. The position and colors can still be configured. However, these changes take effect immediately and not only for new test configurations.

### Improvements

Version	Improvements
V5.1	ROI Flashing: Faster detection of transition threshold during configuration
V5.1	Avoiding of shortage of resources even with complex configurations
V5.1	Preventing from opening of windows on non-existent monitors.

V5.1	Preventing startup problems if the user has limited administrative rights
V5.1	Changing the format of EMS information no longer requires restarting AdVISE

### Known Issues

Version	Known-Issues
V5.1	-

### Additional Information

Version	Additional Information
V5.1	ROI Analog Indicator: Due to the new features of this ROI, any existing ROI Analog Indicator will be deleted when transferring configuration from version 4.0. These must be added again.
V5.1	ELEKTRA version for supporting the R&S EMC remote interface: 3.20

## 1.5 Version 5.0

### New Functionality

Version	Functions
V5.0	New Option R&S@ADV-K1062: Audio monitoring
V5.0	New Option R&S@ADV-K1070: Image Tracking
V5.0	New function: Global re-adjustment for ROI settings

### Modified Functionality

Version	Functions
V5.0	ROI Analog Indicator: This ROI is renewed and provided with additional features.
V5.0	Extension of R&S EMC SW remote interface for R&S@ELEKTRA

### Improvements

Version	Improvements
V5.0	ROI Flashing: Extension to support the monitoring of dynamic turn indicator
V5.0	ROI OCR Text: Support of Korean and Chinese character
V5.0	ROI Color Change: Improvement when monitoring red signals
V5.0	Improved configuration dialog for adding new ROIs.

V5.0	Simplified addition of multiple ROIs of the same type
V5.0	Enhanced sorting function for test configuration with additional information about user and date of use
V5.0	Support of extended ASCII characters in overlaid EMS messages
V5.0	Minor fixes and improvements

### Known Issues

Version	Known-Issues
V5.0	Complex configuration (> 25 ROI defined) can lead to memory utilization or shortage of resources

### Additional Information

Version	Additional Information
V5.0	ROI Analog Indicator: Due to the new features of this ROI, any existing ROI Analog Indicator will be deleted when transferring configuration from version 4.0. These must be added again.
V5.0	ELEKTRA version for supporting the R&S EMC remote interface: 3.20

## 1.6 Version 4.0

### New Functionality

Version	Functions
V4.0	New region of interest: - OCR Text - OCR Number
V4.0	Support of UVC (USB Video Class) compatible cameras
V4.0	Faster ROI configuration. Each ROI provision dialog has now a button in order to adjust the limit automatically to a value in relation to the current value, e.g. 5 % of the current value
V4.0	R3ToR4DatabaseConversion tool allows the user to convert the AdVISE R3.02 database to AdVISE R4.0 Database. Please see chapter <a href="#">Fehler! Verweisquelle konnte nicht gefunden werden. Fehler! Verweisquelle konnte nicht gefunden werden.</a>

### Modified Functionality

Version	Functions
V4.0	The camera selection dialog shows only the actually connected interfaces.

**Improvements**

Version	Improvements
V4.0	The fill color of a selected ROI is now transparent so that the element of interest is no longer hidden
V4.0	Creating of large ROIs for object in and object out will no longer end in a system error
V4.0	Creating reports in dialog "Show Results" is much faster now
V4.0	Additional graphical element added to illustrate the meaning of the following ROIs: <ul style="list-style-type: none"> <li>• Color Change ROI</li> <li>• Intensity Change ROI</li> <li>• Light ON ROI</li> <li>• Light OFF ROI</li> </ul>

**Known Issues**

Version	Known-Issues
V4.0	-

**Additional Information**

Version	Additional Information
V4.0	EMC32 version for supporting the extended remote interface: 10.50 For downloading go to <a href="http://www.rohde-schwarz.com/com/software/emc32/">www.rohde-schwarz.com/com/software/emc32/</a>
V4.0	For controller equipped with NVIDIA graphical card the NVIDIA display driver version must be v392.00 or higher <a href="http://www.nvidia.com/Download/index.aspx">www.nvidia.com/Download/index.aspx</a>
V4.0	New "Advise Generic Driver.DeviceConfiguration" available for remote connection to EMC32. Customer using generic driver for remote connection to EMC32 need to copy the file "Advise Generic Driver.DeviceConfiguration" located in C:\Program Files\Rohde-Schwarz\ADVISE\Documentation to C:\ProgramData\EMC32\Configuration\Monitoring (or the location you selected while installing EMC32). For more details please see AdvISE User Manual Chapter 5.2.

**1.7 Version 3.1****New Functionality**

Version	Functions
V3.1	N/A

**Modified Functionality**



Version	Functions
V3.1	N/A

### Improvements

Version	Improvements
V3.1	General stability improvements
V3.1	Several "Flashing Light" ROIs does no longer influence each other on the AdVISE user interface.

### Known Issues

Version	Known-Issues
V3.1	Creating a report in dialog "Show Results" may takes several minutes when many test results are stored in the AdVISE database. Recommendation: Delete unnecessary test results

### Additional Information

Version	Additional Information
V3.1	EMC32 version for supporting the extended remote interface: 10.40.10 with Hotfix EMS #3 For downloading go to <a href="http://www.rohde-schwarz.com/com/software/emc32/">www.rohde-schwarz.com/com/software/emc32/</a>
V3.1	For controller equipped with NVIDIA graphical card the NVIDIA display driver version must be v392.00 or higher <a href="http://www.nvidia.com/Download/index.aspx">www.nvidia.com/Download/index.aspx</a>

## 1.8 Version 3.0

### New functionality

Version	Functions
V3.0	Initial version
V3.0	Measurement: Local Test Remote Test Virtual Camera Test
V3.0	Available Options: ADV-1032 Extension to 32 ROIs, order no. 1434.6524.xx ADV-K1050 Virtual Camera, order no. 1434.6530.xx

V3.0	EMC Measurement Software Connections: EMC32, order no. 1119.4638.xx Generic Software which supports the generic command list
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V3.0	Supported Camera Connections: AV.io SDI AV.io HDMI
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### Modified functionality

Version	Functions
V3.0	N/A

### Improvements

Version	Improvements
V3.0	N/A

### Known issues

Version	Known Issues
V3.0	<ul style="list-style-type: none"> <li>• In rare cases after user interaction, it might be necessary to restart the software.</li> <li>• If several "Flashing Light" ROIs are defined, results of those ROIs might influence each other on the AdvISE user interface. Results transferred to remote interface are correct.</li> </ul>

## 2 Modifications to the documentation

The current documentation is up-to-date.

## 3 Software update

### Further information

- The software update file for the R&S ADVISE is one file including the main software version number e.g. AdVICE\_Setup\_5.4.x.x.exe. It will be referred as ADVISESetup.exe later in the text. The file can be found on Rohde & Schwarz web page.

### 3.1 Validity information

The following options are contained in the R&S AdVICE Software:

Name and description of option	Order Number
R&S ADVISE-SW - R&S AdVICE Video monitoring Software	1434.6518.02
R&S ADV-K1032 - R&S AdVICE-Extension to 32 ROIs	1434.6524.02
R&S ADV-K1050 - R&S AdVICE Virtual Camera	1434.6530.02
R&S ADV-K1060 - R&S AdVICE OCR Test and Numer	1434.6601.02
R&S ADV-K1062 - R&S AdVICE Audio Monitoring	1434.6618.02
R&S ADV-K1060 - R&S AdVICE Image Tracking	1434.6560.02

### 3.2 Updating the software

- Go to download page [www.rohde-schwarz.com/software/advise](http://www.rohde-schwarz.com/software/advise) .
- Click on the download link for R&S ADVISE.
- Save the ADVISESetup.exe installation file to a location on your PC for which you have access rights to.
- Double click on the downloaded file to start the installation.
- Follow the instructions on the screen.
- R&S ADVISE icon should now appear on the desktop.
- Double click on the R&S ADVISE icon to launch R&S ADVISE.
- After installation, you find a comprehensive users's manual in "Windows Start – R&S AdVICE". Alternatively click on the help icon in AdVICE main window.

For more information and other application notes, please go to [www.rohde-schwarz.com/product/advise](http://www.rohde-schwarz.com/product/advise)

## 4 Customer support

### Technical support – where and when you need it

For quick, expert help with any Rohde & Schwarz product, contact our customer support center. A team of highly qualified engineers provides support and works with you to find a solution to your query on any aspect of the operation, programming or applications of Rohde & Schwarz products.

### Contact information

Contact our customer support center at [www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support) or follow this QR code:



Figure 4-1: QR code to the Rohde & Schwarz support page