

R&S®AdVISE

Release Notes

Software Version 6.0

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1533.2732.02 | Version 06.00 | R&S®AdVISE |

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 6.0

New Functionality

| Version | Functions |
|---------|--|
| V6.0 | New: ADV-K1080 – Auto detection assistance ROI |
| V6.0 | New: Time Domain Audio ROI |
| V6.0 | New: Face anonymization |
| V6.0 | New: Ignore Areas ROI |

Modified Functionality

| Version | Functions |
|---------|--|
| V6.0 | Generic EMC Interface Added new command: PAUSETEST – Pauses recording & analysis Modified command: STOPTEST – Does no longer pause recording and analysis. It stops recording, analysis and test, and should be sent only once at the end of the test. |
| V6.0 | Remote control: The logic of restarting a test has changed. For more information, please see AdVISE User Manual (Section 5.4.4). |
| V6.0 | AdVISE settings: Summary ROI name can be changed now |

Improvements

| Version | Improvements |
|---------|---|
| V6.0 | New user interface: updated colors to R&S Corporate design |
| V 6.0 | ROI name causing the NoGo is now sent to EMC32 / ELEKTRA and is shown in the NoGo table. |
| V 6.0 | Remote control testing with ELEKTRA: If no video signal is available error code will be sent to ELEKTRA |
| V 6.0 | When ROI name is changed in configuration window the ROI name is now also changed in the report file. |
| V6.0 | Several user friendliness improvements |

Known Issues

| Version | Known-Issues |
|---------|--|
| V6.0 | Epiphan capture cards and Elgato Cam Link 4k may not work stable for flashing and audio ROI. |

Additional Information

| Version | Additional Information |
|---------|---|
| V6.0 | This version of AdVISE can be installed in parallel with the previous AdVISE version |
| V6.0 | Auto detection assistance ROI is not supported by the current ELEKTRA version. Please see ELEKTRA Release Notes when this will be supported. |
| V6.0 | It is recommended to use a powerful PC with minimum 8 cores, support of hyper threading, 16 GB RAM and 3GHz speed. Using option ADV-K1032, a powerful PC with minimum 16 cores, support of hyper threading, 16 GB RAM and 3GHz speed is required |
| V6.0 | Interference with another SW: As AdVISE is running in real time it is recommended to disable all SW which can cause heavy background workloads like virus scan, automatic update etc. As AdVISE is using capture card / camera videoconferencing applications like MS Teams, Skype etc. should not be used. |
| V6.0 | When using AD ROI (ADV-K1080) with Flashing Light ROI and/or Object In/Out ROI results may not be reliable specially when ROIs are overlapping. |

1.2 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 AdVICE 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 |
|---------|--------------|
| V5.4 | - |

Additional Information

| Version | Additional Information |
|---------|------------------------|
| V5.4 | - |

1.3 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 | - |

1.4 Version 5.2

New Functionality

| Version | Functions |
|---------|-----------|
| 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 | - |

1.5 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 |

1.6 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 |

1.7 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 Fehler! Verweisquelle konnte nicht gefunden werden. Fehler! Verweisquelle konnte nicht gefunden werden. |

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"> ● Color Change ROI ● Intensity Change ROI ● Light ON ROI ● Light OFF ROI |

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 www.rohde-schwarz.com/com/software/emc32/ |
| V4.0 | For controller equipped with NVIDIA graphical card the NVIDIA display driver version must be v392.00 or higher www.nvidia.com/Download/index.aspx |

| | |
|------|--|
| V4.0 | <p>New "Advise Generic Driver.DeviceConfiguration" available for remote connection to EMC32.</p> <p>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).</p> <p>For more details please see AdVISE User Manual Chapter 5.2.</p> |
|------|--|

1.8 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 | <p>Creating a report in dialog "Show Results" may takes several minutes when many test results are stored in the AdVISE database.</p> <p>Recommendation: Delete unnecessary test results</p> |

Additional Information

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

1.9 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 |
| V3.0 | Supported Camera Connections: AV.io SDI AV.io HDMI |

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"> • In rare cases after user interaction, it might be necessary to restart the software. • 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. |

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®AdVICE is one file including the main software version number e.g. AdVICE_Setup_6.0.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 visual inspection software | 1434.6518.02 |
| R&S®ADV-K1032 - Extension to 32 ROIs | 1434.6524.02 |
| R&S®ADV-K1050 - Virtual Camera | 1434.6530.02 |
| R&S®ADV-K1060 - OCR ROI | 1434.6601.02 |
| R&S®ADV-K1062 - Audio Monitoring | 1434.6618.02 |
| R&S®ADV-K1070 - Image Tracking | 1434.6560.02 |
| R&S®ADV-K1080 - Auto Detection Assistance | 1434.6576.02 |

3.2 Updating the software

- Go to download page www.rohde-schwarz.com/software/advise .
- Click on the download link for R&S AdVICE.
- 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 AdVICE icon should now appear on the desktop.
- Double click on the R&S AdVICE icon to launch R&S AdVICE.
- 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

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 or follow this QR code:



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