

SMAVIA Recording Server Version 8.7.2 SP B

IPS 2400

English

1 Abstract

This document contains information on news and changes that are introduced with the current version of the software. Additionally, it provides an overview of the tested and supported functional range of the various software versions.

2 Validity

This document applies to the software **SMAVIA Recording Server**, pre-installed on the appliance **IPS 2400**. It was created based on the software version 8.7.2 SP B.

3 Compatibility

After the update to the current version, the software **SMAVIA Recording Server** is compatible with the following hard- and software:

SMAVIA Viewing Client	as of version 1.0.2.8
SMAVIA Viewer	as of version 1.0.2.8
PService	as of version 2.1.1.7
ActiveX-based Dallmeier control	as of version 1.2.4.7

4 Notes

Note that

- this update to version 8.7.2 SP B is **free of charge**.
- this update includes a **Hot-Fix for devices as of version 8.7.1**.
- this update is a **mandatory (security) update**.
- the innovations are only generally described in this document.
- the use of some functions may require a license subject to charges.
- the Dallmeier support hotline is always available for further questions.

5 Procedure

The update of a version as of 8.7.1 to version 8.7.2 SP B is available in the Dallmeier Partner Forum (SMAVIA Updates). It can be executed via network with the **PService** software or directly on the recorder using a **USB flash drive**.

6 Innovations

Loss of Connection IP Cameras

Description	<p>In rare cases, devices (with a version as of version 8.7.1 or higher) were not able to correctly detect the loss of the connection to an IP camera after an operating time of more than three month without reboot.</p> <p>This behaviour was only observed in systems in which external interferences (e.g. decline in power supply, reboot of switch or IP camera, malfunction of a network segment) were able to cause a temporary loss of the connection to an IP camera. Under unfavourable circumstances, the loss of connection was not detected correctly and the recording was discontinued until the next reboot of the device. Analogue cameras were not affected.</p> <p>In the current version of the SMAVIA Recording Server software, an according improvement was integrated. The failure of an IP camera is now safely detected and intercepted even after a long operating time and coexistent external interferences.</p>		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements			

System Time

Description	<p>In few cases, the SMAVIA Appliance IPS 2400 is not synchronised with an external time server over the network. In connection with the previous versions of the SMAVIA Recording Server software it was possible that sudden changes of the system time were able to appear. These changes had an impact on the convenient search and export functions while the recording had no gaps and could be evaluated completely.</p> <p>For the current version of the SMAVIA Recording Server software the underlying functions were improved and search as well as export functions can be used as usual.</p>		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements			

Extension PRemote-HD

Description	<p>The function <i>PRemote-HD</i> allows for the transmission of HD video streams in the LAN and WAN, even if the available bandwidth is lower. The simultaneous transmission of a correspondent audio stream, so far, has only been possible within a LAN. Now, the current extension of the function also allows for the simultaneous transmission of audio streams over the WAN / Internet.</p>		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements	License 003801		

Options PRemote

Description	The dialogue PRemote Settings was enhanced with new options for the current version. It now also allows you to choose the incoming audio signal (Line IN or Microphone) as well as define the level of volume.			
Availability	X	Update	X	Installation ex factory
Hardware		Necessary	X	Not necessary
Requirements	License 003801			

Real-Time Recording Licenses

Description	The current version of the SMAVIA Recording Server was extended to allow for a graded licensing of the Real-Time Recording function. Instead of only one license for all channels, it is now possible to offer combinable licences for 4 or 8 channels as well. Please, pay attention to the respective data sheets.			
Availability	X	Update	X	Installation ex factory
Hardware		Necessary	X	Not necessary
Requirements				

Access Licenses

Description	The current version of the SMAVIA Recording Server was extended to allow for a graded licensing of the access licenses (client access). Instead of only one single license, it is now possible to offer licences for 5 or 10+ (unlimited) accesses as well. Please, pay attention to the respective data sheets.			
Availability	X	Update	X	Installation ex factory
Hardware		Necessary	X	Not necessary
Requirements				

Log for IP Cameras

Description	The protocol functions of the software were extended for the current version. Now, the data transfer of IP cameras is analysed and saved in detail in a separate log file. This log file can be saved to an external storage medium using the established parameter export.			
Availability	X	Update	X	Installation ex factory
Hardware		Necessary	X	Not necessary
Requirements				

SEDOR® Messages

Description	As a new function, the support of SEDOR® messages sent by an external application was integrated. The messages can now be saved together with the recordings or forwarded to a defined alarm host.		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements			

USB Board

Description	The current version of the SMAVIA Recording Server software was extended and already supports the new version of the internal USB board. The replacement of this internal HW component does not affect the functional range or the connection options of the device.		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements			

RTSP Cameras

Description	RTSP-capable cameras transmit the video stream in accordance with the respective standardised protocols. Manufacturer-specific protocol adjustments can lead to insufficient compatibility. The current version of the SMAVIA Recording Server software was extended and now supports the recording of RTSP-capable cameras by the manufactures Axis, Sanyo, ArecontVision, Bosch, Panasonic, Pelco, and Sony.		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements	Licenses 004070 - 004072		

iPhone Server

Description	A new version of the iPhone Server software was integrated in the current version of the SMAVIA Recording Server software. This software directly provides a requesting iPhone App with the processed video streams of the device (Proxy) and, thus, reduces the load on the connected IP cameras.		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements			

7 Functional Range

The described functional range of the software may possibly not be relevant for all devices. The use of some functions may require a license subject to charges. Always observe the corresponding specifications of the device.

	8.7.1 SPA	8.7.1 SP C	8.7.2 SP B				
Recording of HD and megapixel cameras with 8 Mbps	O	X	X				
PRemote-HD audio via WAN	O	O	X				
Forwarding of SEDOR® messages	O	O	X				
Log for IP cameras	O	O	X				
Proxy for iPhone Server software	O	O	X				

X = Function is available in version
O = Function is not available in version

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