

SMAVIA Recording Server Version 8.1.2 SP A

DMS 2400

English

1 Abstract

This document contains information on news and changes that are introduced with the current version of the software. Additionally it gives an overview on 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 **DMS 2400**. It has been created on basis of the software version 8.1.2 SP A.

3 Compatibility

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

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 8.1.2 SP A is **free of charge**.
- this update includes a **Hot-Fix for devices as of version 8.1.1**.
- 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 from version 8.1.1 to version 8.1.2 SP A is available in the Dallmeier Partner Forum (Recorder updates). It can be executed via network with the **PService** software or directly at the recorder by using a **USB flash drive**.

6 Innovations

Loss of Connection IP Cameras

Description	<p>In rare cases, devices (with a version as of version 8.1.1 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			

Extension PRemote-HD

Description	<p>The function PRemote-HD 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	<p>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.</p>		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements	License 003801		

PRemote and LocalViewing

Description	The previous versions of the software SMAVIA Recording Server always showed the PRemote view on the locally connected Monitor (LocalViewing) when the PRemote connection was active. This functions have been disconnected for the current version. PRemote and LocalViewing now can be used independently and simultaneously for live and track access.		
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			

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			

4CIF Real Time

Description	The current version of the SMAVIA Recording Server software support the recording of analogue cameras with 4CIF in real time (25/30 fps). This function is available for devices in optional hybrid operation and ex factory only.		
Availability		Update	X Installation ex factory
Hardware	X	Necessary	Not necessary
Requirements	Hardware 003815 and 003816		

CVBS OUT

Description	The current version of the SMAVIA Recording Server software supports the optionally offered board CVBS OUT for DMS 2400 . It allows the connection of two CVBS monitors and the use of various split views. On monitor 1 the sequencer function and the event triggered display can be used as well.		
Availability	X	Update	X Installation ex factory
Hardware	X	Necessary	Not necessary
Requirements	Hardware 004150		

7**Functional Range**

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

	1.1.1	8.1.1 SP A	8.1.2 SP A				
Recording of RTSP-Kameras	O	X	X				
Support DAS-4 Eco	O	X	X				
Support AWEK cashpoints	O	X	X				
Compatible with SeMSy®III systems	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				
4CIF Real Time for analogue cameras	O	O	X				
Support CVBS OUT	O	O	X				

X = Function is available in version

O = Function is not available in version

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