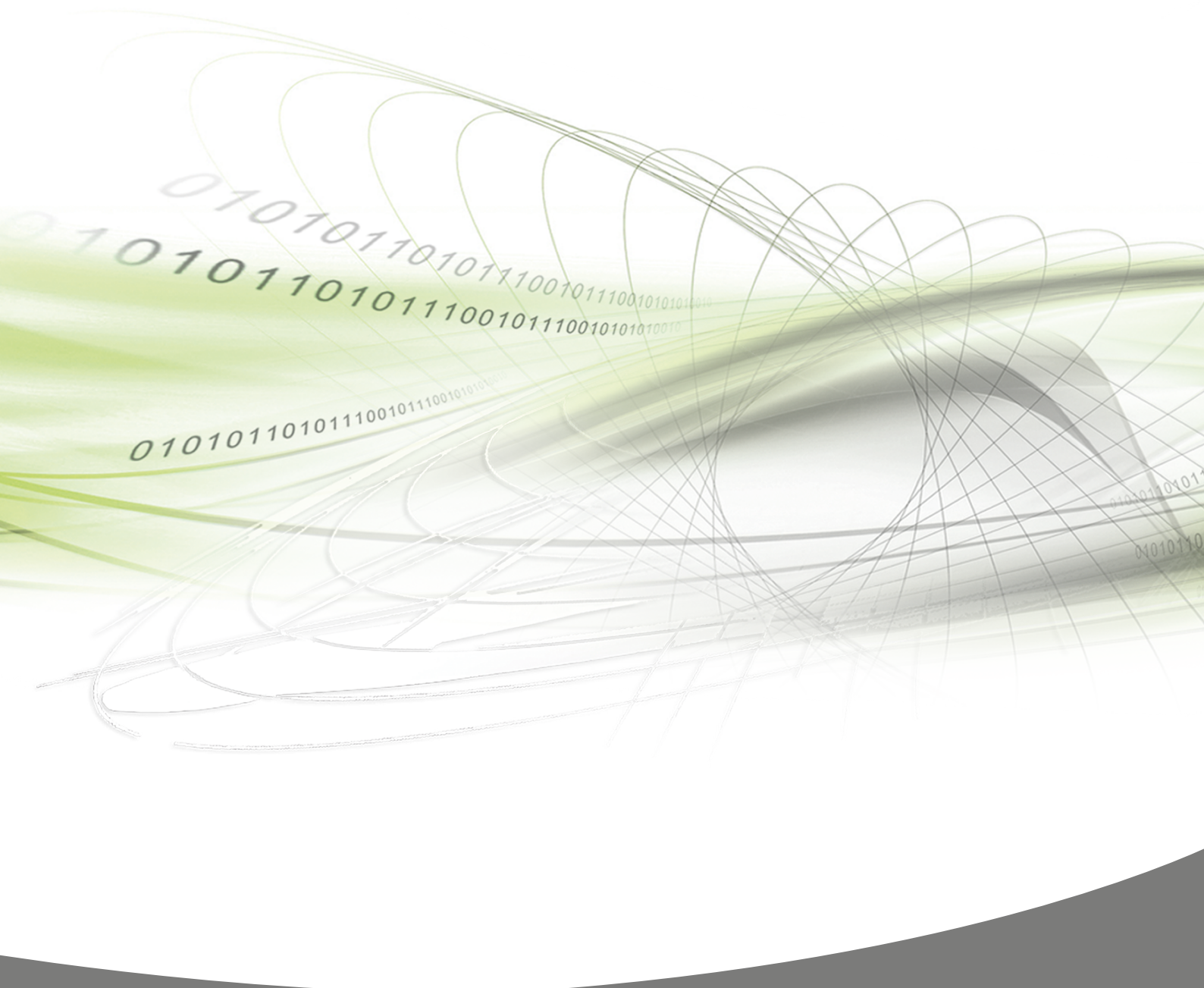


SMAVIA Viewing Client

Version 2.8.13



1 Abstract

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

2 Validity

This document applies to the software **SMAVIA Viewing Client**.

3 Compatibility

The software **SMAVIA Viewing Client** is compatible with the following hardware and software after the update to the current version:

DMS 2400	ab Version 8.1.6
DMS 2400 II	ab Version 8.20.9
DLS 1600	ab Version 8.6.6
IPS 2400	ab Version 8.7.6
IPS 2400 II	ab Version 8.17.9
IPS 10 000	ab Version 9.7.1
VideoNetBox II	ab Version 8.11.6
VideoNetBox III	ab Version 9.7.4
DVS 1600 II	ab Version 8.2.3
DVS 1600 II IPS	ab Version 8.2.3
SMAVIA Recording Server (Windows)	ab Version 8.0.7.4
Operating system	Microsoft Windows ¹⁾ 7 32 Bit Microsoft Windows 7 64 Bit Microsoft Windows 10 64 Bit

NOTICE

Software Download

The current version for Microsoft Windows 10 (64 Bit) can be downloaded from a SMAVIA appliance in the **System > Download** dialog.

NOTICE

PGuard advance

The current version for Microsoft Windows (32 Bit) is compatible with the current version of PGuard advance.

4 Notes

Note that

- this update is free of charge.
- 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.

¹⁾ Microsoft / Windows is a trademark or registered trademark of Microsoft Corporation headquartered in Redmond, Washington, USA

5 Procedure

The update is available on the corresponding **product page** at www.dallmeier.com.

SMAVIA Viewing Client is offered as a full version only. An older version can be updated by installation into the existing program folder. Note that the **ViewingClientData.bin** configuration file is not overwritten during the installation. This file must be deleted prior to installation if you want to use the default settings of the new version.

6 Auto-Update

SMAVIA Viewing Client has an auto-update feature that can be enabled/disabled via **Configuration > Login > Check for updates**. When a connection to the Internet can be established, the function checks periodically whether an update is available. Note that an update is displayed, but not executed automatically.

7 Innovations

H.265 Decoding

Description	SMAVIA Viewing Client now supports TLS-encrypted communication with cameras and recorders, via the DaVid protocol .		
	The corresponding check box for activating the option is found in the Edit recorder dialog in the IP-Address tab.		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements	Cameras / recorders configured for encrypted communication		

W8 Panomera® Utility Split

Description	In the current version of SMAVIA Viewing Client , the display of Panomera® W8 Multifocal Sensor Systems has been enhanced .		
	The VCA technology integrated in the Panomera® is designed to detect all potentially relevant events . For this, the acquisition of a relatively large number of non-relevant events is accepted.		
	Since the Panomera® W8 is a 360° capable model , optical distortion occurs in the lower part of the display. If a detail view is dragged into the distorted area, the next free split automatically opens an de-warped display of the selected area.		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements	Panomera® W8 The Auto Tracking function has to be deactivated A free split must be available in the current view		

Improvement of Video Content Analysis

Description	The Video Content Analysis of SMAVIA Viewing Client has been extended in the current version by the following functions :		
	<ul style="list-style-type: none"> • Pixelation of the track slider preview images • Backup for PRemote connections • Backup when all cameras are selected 		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements	Camera with VCA license		

General Improvements

Description	In the course of general system maintenance , various optimizations have been integrated into the current version of SMAVIA Viewing Client :		
	<ul style="list-style-type: none"> • Logged data extended (host, export and backup message) • Improvements relating to bidirectional audio and Premote • Panomera® Autofocus via Hotkey 		
Availability	X	Update	X Installation ex factory
Hardware		Necessary	X Not necessary
Requirements			

8 Functional Range

Please note that the use of some functions may require a license subject to charges.

	1.0.2.16	1.0.3.10	2.0.0.3	2.1.0.16	2.1.0.20	2.2.0.23	2.3.7	2.3.16	2.3.19	2.4.18	2.5.11	2.6.17	2.7.10	2.8.13
Bidirectional audio via TCP	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Display of RTSP cameras	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Support of BANK Package	O	X	X	X	X	X	X	X	X	X	X	X	X	X
Portuguese GUI	O	X	X	X	X	X	X	X	X	X	X	X	X	X
Encrypted authentication information	O	X	X	X	X	X	X	X	X	X	X	X	X	X
Support of Panomera® multifocal sensor systems	O	O	X	X	X	X	X	X	X	X	X	X	X	X
Definition of split views	O	O	X	X	X	X	X	X	X	X	X	X	X	X
Zoom with overview window	O	O	X	X	X	X	X	X	X	X	X	X	X	X
Quick split change	O	O	X	X	X	X	X	X	X	X	X	X	X	X
Camera tree	O	O	X	X	X	X	X	X	X	X	X	X	X	X
GPU support and performance monitor	O	O	X	X	X	X	X	X	X	X	X	X	X	X
Panomera® S7/8 integration	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Panomera® Streamer	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Panomera® grid	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Panomera® demonstration resolution quality	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Panomera® backup	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Panomera® connection monitor	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Support of the camera series 5000	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Live display with automatic delay	O	O	O	X	X	X	X	X	X	X	X	X	X	X
Optimization for NVIDIA Optimus technology	O	O	O	O	X	X	X	X	X	X	X	X	X	X
Optimization for power-saving functions	O	O	O	O	X	X	X	X	X	X	X	X	X	X
Location plans for orientation and navigation	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Pixelization of moving objects	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Panomera® overview mode	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Support of distributed Panomera® systems	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Shader functions and 3D geometry data	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Flexible display of Panomera® module streams	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Display of the recording state with icons	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Up to three instances on one workstation	O	O	O	O	O	X	X	X	X	X	X	X	X	X
Dewarper for fisheye cameras	O	O	O	O	O	O	X	X	X	X	X	X	X	X
PRemote support for IPS 10000	O	O	O	O	O	O	X	X	X	X	X	X	X	X
Event Search for IPS 10000	O	O	O	O	O	O	X	X	X	X	X	X	X	X
Display Panomera® module as a channel	O	O	O	O	O	O	X	X	X	X	X	X	X	X
Access to EdgeStorage of cameras with SD cards	O	O	O	O	O	O	X	X	X	X	X	X	X	X
Pixelation configurable at the recorder	O	O	O	O	O	O	X	X	X	X	X	X	X	X
Reduced loading time for presets	O	O	O	O	O	O	O	X	X	X	X	X	X	X
Display of camera icons in the configuration dialog	O	O	O	O	O	O	O	X	X	X	X	X	X	X
Readout of GPU and DirectX status	O	O	O	O	O	O	O	X	X	X	X	X	X	X
Improved display management	O	O	O	O	O	O	O	X	X	X	X	X	X	X
Improved storage management for Panomera®	O	O	O	O	O	O	O	X	X	X	X	X	X	X
PGuard advance 4.5.0.4	O	O	O	O	O	O	O	O	X	X	X	X	X	X
Support of the VCA technology	O	O	O	O	O	O	O	O	O	X	X	X	X	X

	1.0.2.16	1.0.3.10	2.0.0.3	2.1.0.16	2.1.0.20	2.2.0.23	2.3.7	2.3.16	2.3.19	2.4.18	2.5.11	2.6.17	2.7.10	2.8.13
Improvement of backup display	O	O	O	O	O	O	O	O	O	O	X	X	X	X
Translation of VCA event optimized	O	O	O	O	O	O	O	O	O	O	X	X	X	X
Search in the system tree	O	O	O	O	O	O	O	O	O	O	O	X	X	X
Logical camera tree	O	O	O	O	O	O	O	O	O	O	O	X	X	X
H.265 Decoding	O	O	O	O	O	O	O	O	O	O	O	O	X	X
Panomera® with VCA	O	O	O	O	O	O	O	O	O	O	O	O	X	X
Encryption with TLS	O	O	O	O	O	O	O	O	O	O	O	O	O	X
Panomera® W8 Ultility Split	O	O	O	O	O	O	O	O	O	O	O	O	O	X

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

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