# Recorder Software Version 7.3.6 SP C
## DMX Recorders

English

Dallmeier

# 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 following recorders. It has been created on basis of the software version 7.3.6 SP C.

DMX 800

DMX 1600

DMX 2400

# 3      Compatibility

The recorder software is compatible with the following hard- and software after the update to the current version:

| | |
|---|---|
| **PView** (limited) | as of version **6.0.0** |
| **PView 7 Light** | as of version **7.0.2.14** |
| **PView 7** | as of version **7.0.2.14** |
| **PService** | as of version **1.0.2.8** |
| **ActiveX based Dallmeier control** | as of version **1.2.4.7** |

# 4      Notes

Note that

- this update to version 7.3.6 SP C 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.

# 5      Procedure

The update from version 7.3.5 to version 7.3.6 SP C is available in the Dallmeier Partner Forum (Recorder updates). It can be executed via network with the **PService** software or directly at the recorder using a **USB flash drive**.

# 6 Innovations

### iPhone Server Software

| Description | The integrated iPhone server software was enhanced. Now, PTZ cameras can be controlled with the DMVC iPhone App via Ethernet. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware** | | Necessary | X | Not necessary |
| **Requirements** | | | | |

### RTSP Cameras of Axis and Sanyo

| Description | RTSP-enabled cameras transmit the video stream in accordance with the appropriate standardized protocols. Vendor-specific protocol adjustments can lead to insufficient compatibility.<br>The current version of the software SMAVIA Recording Server was enhanced to support the recording of RTSP-enabled cameras of the manufacturers Axis and Sanyo. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware** | | Necessary | X | Not necessary |
| **Requirements** | | | | |

### Backup via Slow Networks

| Description | A backup of the recording with the video management software PView 7 can take a relatively long time in poor or narrowband networks. If external interferences occur during this time or if ring memories are overwritten, PView 7 may finish the backup before the defined end.<br><br>The current versions of the recording software and of the software PView 7 have been extended in this regard. Due to an intensified communication, backups that take a long time now are executed until the defined end as well. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware** | | Necessary | X | Not necessary |
| **Requirements** | | | | |

### NAT Access

| Description | The access to the devices with the video management software PView 7 via the procedure Network Address Translation (NAT) was integrated for the current version. Now the display of the live video is supported in networks with NAT as well. For playback, the audio stream can be output in addition. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware** | | Necessary | X | Not necessary |
| **Requirements** | | | | |

### Extension Channel Licenses

| Description | In the previous versions of the recorder software a part of the memory had to be released manually, if a configured device had been extended with new channel licenses.<br><br>The current version of the recorder software has been optimized and automated in this regard. Now the appropriate memory is reserved and allocated automatically after the entry of license codes for new channels. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware Requirements** | | Necessary | X | Not necessary |

### Automated HDD Formatting

| Description | Until the current version, devices that are operated with a RAID system had to be equipped with unformatted and unpartitioned hard disk drives. HDDs that had already been installed in other Smatrix devices could not be used as well.<br><br>As of the current version of the recorder software this restriction no longer applies. Now any hard disk drive may be used, because of the new automated formatting after the connection. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware Requirements** | | Necessary | X | Not necessary |

### GUI System Messages

| Description | In order to optimize the usability of the devices, the various messages concerning the reconstruction of the graphical user interface will not be displayed with a separate dialog any more. The logging of these system messages, as established in previous versions, is retained. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware Requirements** | | Necessary | X | Not necessary |

### Watchdog for RAID

| Description | An optimization of the recording process has been introduced for devices with a RAID system in the current version. RAID rebuilds that are not really required now can be avoided, because of a more precise evaluation of the RAID status and the extension of the access times on hard drives for the main application. | | | |
|---|---|---|---|---|
| **Availability** | X | Update | X | Installation ex factory |
| **Hardware Requirements** | | Necessary | X | Not necessary |

# 7 Functional Range

The described functional range of the software may possibly be not relevant for all devices. Always observe the corresponding specifications of the device.

| | 7.3.3 | 7.3.4 SP C | 7.3.5 | 7.3.5 SP F | 7.3.5 SP J | 7.3.5 SP P | 7.3.6 SP C |
|---|---|---|---|---|---|---|---|
| RAID 5 | X | X | X | X | X | X | X |
| Redundant power supply units | O | X | X | X | X | X | X |
| RTSP cameras | O | X | X | X | X | X | X |
| LDAP user administration | O | X | X | X | X | X | X |
| PRemote HD | O | X | X | X | X | X | X |
| No RAID, RAID 6 | O | X | X | X | X | X | X |
| DHCP / DNS | O | X | X | X | X | X | X |
| iPhone server | O | X | X | X | X | X | X |
| TCP streaming | O | O | X | X | X | X | X |
| TCP proxy | O | O | X | X | X | X | X |
| ViProxy | O | O | X | X | X | X | X |
| iPhone server with HD | O | O | O | X | X | X | X |
| iPhone server with PTZ control | O | O | O | O | O | O | X |
| Networks with NAT supported | O | O | O | O | O | O | X |
| Automated HDD formatting | O | O | O | O | O | O | X |

X = Function is available in version

O = Function is not available in version