Dallmeier

REV. 1.0.1 | 2021-07-28

TECHNICAL INFORMATION

CAMERA FIRMWARE

V.10.2.3.5

CHANGELOG

MADE IN GERMANY

See more.

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This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (https://www.openssl.org) and cryptographic software written by Eric Young (eay@cryptsoft.com).

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INTRODUCTION

1.1 ABOUT THIS DOCUMENT

This document contains information on new features and changes that are introduced with the current firmware version.
In addition, the document contains detailed descriptions and instructions for carrying out a successful firmware update.
Finally, the document shows a structured list with the main new features and changes of the current firmware version and all previous firmware releases (changelog).

This document only provides general information on new features and changes that are introduced with the current firmware version.
Detailed descriptions on how to configure your Dallmeier IP device can be found in the ***Download Centre*** *at www.dallmeier.com.*

1.2 TARGET AUDIENCE OF THIS DOCUMENT

This document is particularly intended for the following persons:

- Highly qualified integrators (installers) of Dallmeier video security systems
- Experienced network administrators
- IT security experts

1.3 VALIDITY

This document applies to the following devices:

Box/Dome Cameras (Picoline Series)	Dome Cameras	IR Cameras
• Box Variant – Day/Night: - DF5050HD-DN (Picoline) • HDV In-Ceiling Mount Variant – Day: - DDF5050HDV-IM (Picoline) • HDV Surface Mount Variant – Day: - DDF5050HDV-SM (Picoline)	• HDV In-Ceiling Mount Variants: - DDF5120HDV-DN-IM - DDF5140HDV-DN-IM • HDV Surface Mount Variants: - DDF5120HDV-DN-SM - DDF5140HDV-DN-SM • HD Surface Mount Variants – Indoor: - DDF5120HD-DN-SM (Indoor) - DDF5140HD-DN-SM (Indoor)	• DF5120HD-DN/IR • DF5140HD-DN/IR

Table 1-1

The descriptions in this document are based on the firmware version **10.2.3.5**.

1.4 COMPATIBILITY

The firmware version **10.2.3.5** is compatible with the following hardware and software:

- SMAVIA appliances of generation 5 as of firmware version 8.x.12 SP A
- SMAVIA appliances of generation 6 as of firmware version 9.x.6
- SMAVIA Viewing Client as of software version 2.8.13
- SMAVIA Viewer as of software version 2.8.13
- SeMSy® III Video Management System as of version 1.7.3
- SeMSy® Compact as of software version 5.0.42
- HEMISPHERE® SeMSy® Video Management System as of version 5.0.95

1.5 GENERAL NOTES

Note that

- the firmware update to version **10.2.3.5** is free of charge.
- new features and changes that are introduced with the current firmware version are only generally described in this document.
- the Dallmeier support hotline is always available for further questions concerning the current firmware update.
- a paid license may be required for activating a new feature that is introduced with the current firmware version.
- new features and changes described in this document may not be relevant to all of the above-mentioned devices, and their availability always depends on the device specifications (see the current product specification of your device at www.dallmeier.com).

1.6 LIMITATIONS

The following limitations have to be considered for the current firmware version:

- The **Interface Board Series 5100** is currently not supported.
- Image rotation (“Corridor mode”) is currently only available for streaming, not for JPEG.

UPDATING THE FIRMWARE

The firmware update to version **10.2.3.5** can be downloaded free of charge from the **Download Centre** at www.dallmeier.com.

The firmware update is performed over the local area network (LAN) using the **PService3** software, which can also be downloaded free of charge from the **Download Centre** at www.dallmeier.com.
Updating your IP device is only possible via TCP/IP. Therefore, your IP device has to be available in your local area network (LAN) so that the update file can be successfully transferred (contact your network administrator for further information and assistance if necessary).

Performing the Update

1. Go to the **Download Centre** at www.dallmeier.com and download the firmware update (zipped folder with update file and license text) valid for your IP device.
2. Unzip the zipped (compressed) folder after downloading to any local directory on your hard disk.
3. Run **PService3**.
4. Follow the instructions for performing firmware updates in the **PService3** documentation.
5. To update your IP device, select the unpacked update file with the file extension ***.sh**.

NOTICE

Invalid update file

Only files with the ***.sh** file extension can be opened.

6. If necessary, enter the login credentials for gaining access to your IP device.
7. Click **OK** and confirm the start of the firmware update process in the subsequent info dialog.

The update process is then started.

NOTICE

Hardware and software malfunctions due to an incomplete or failed firmware update

- Do not disconnect your IP device from the power supply during the update process (up to 5 minutes).

Your IP device will automatically reboot after the update process is successfully completed.

You can also update your camera directly via the WebConfig user interface of the camera itself ("Service" dialog > "System state" tab).

NEW FEATURES AND CHANGES

Below you will find all new features and changes that are introduced with the current firmware version.

Initial Release for Box Variant of the 5050 Camera Series (Picoline)

This firmware version is the initial release for the box camera DF5050HD-DN (Picoline).

Alphabetical Sorting of Presets

This firmware release introduces the automatic sorting of available presets (stored combinations of parameter settings for image adjustment and exposure control) in alphabetical order. The factory pre-defined presets are listed first, followed by all user-defined presets. This helps to find existing presets more easily when making changes to the configuration later on.

General Minor Bug Fixes and Improvements in System Stability and Performance

This firmware release includes general minor bug fixes and improvements in system stability and performance.

CHANGELOG

Below you will find a structured list with the main new features and changes of the current firmware version and all previous firmware releases (changelog).

V.10.2.3.5 | Release Date: 2021-06-29

- Initial release for box camera DF5050HD-DN (Picoline)
- Automatic sorting of available presets in alphabetical order implemented (factory predefined presets first, then user-defined presets)
- General minor bug fixes and improvements in system stability and performance

V.10.2.2.8 | Release Date: 2020-12-09

This firmware version is **only** valid **for dome cameras of the 5050 series (Picoline)**.

- Gain limit of factory predefined presets “Universal” and “Outdoor” set to 55 db
- “Auto contrast” setting of factory predefined presets “Universal” and “Outdoor” changed from “Automatic” to “User-defined > Auto contrast strength: 24”
- Factory predefined presets “Low-light [...]” and “SEDOR® [...]” removed
- Day/Night settings from WebConfig GUI removed
- Problem with static streaming server fixed that prevented video data from being actively transmitted to the network when activating the static streaming server (“Network” dialog > “Streaming” tab) by selecting a “Stream ID > [n]” if the corresponding video encoder (“Stream [n]”) was not already enabled in the “Video” dialog, but was enabled afterwards
- General minor bug fixes and improvements in system stability and performance

No separate “Technical Information” has been created for this firmware version.

V.10.2.2.6 | Release Date: 2020-11-23

This firmware version is **only** valid **for dome cameras of the 5050 series (Picoline)**.

- Initial release for dome cameras of the 5050 series:
  - DDF5050HDV-IM (Picoline)
  - DDF5050HDV-SM (Picoline)

No separate “Technical Information” has been created for this firmware version.

V.10.2.1.12 | Release Date: 2020-08-11

- “Gamma curve” image setting extended by “Low contrast” and “Highlights” setting options
- Availability of “Gamma curve” image setting changed (as of this version only available if “Auto contrast” image setting is disabled)
- User management:
  New option for improving password security added (forces the assignment of a strong password according to a predefined password policy when adding or editing a user)
- Privacy zones:
  - Optimizations for drawing and saving privacy zones implemented
  - Optimizations regarding the display accuracy of stored privacy zones implemented
- Optimizations regarding the export and import of configuration parameters implemented
- General minor bug fixes and improvements in system stability and performance

V.10.1.2.4 | Release Date: 2019-03-29

- Corridor mode added:
  Client-side image rotation for monitoring vertically oriented (portrait) scenes such as long rooms (passages, hallways, corridors), streets and sidewalks, railway platforms or perimeter fences
- WebConfig user interface adapted to the new Dallmeier corporate design
- Minimum required password length reduced from 5 characters to 1
- Display of password strength during input added
- Automatic refreshing of info data (current device uptime, CPU utilization and network utilization) at every 1 second implemented
- General minor bug fixes, stability improvements and security updates with severity rating “low”

V.10.1.0.5 | Release Date: 2018-11-16

- Internal buffering and memory management improved

V.10.1.0.4 | Release Date: 2018-05-22

- Initial release for:
  - DDF5120HD-DN-SM (Indoor)
  - DDF5140HD-DN-SM (Indoor)
- ONVIF Profile T conformance test passed

No separate “Technical Information” has been created for this firmware version.

V.10.0.0.14 | Release Date: 2018-01-24

- Initial release for:
  - DDF5120HDV-DN-IM
  - DDF5140HDV-DN-IM
  - DDF5120HDV-DN-SM
  - DDF5140HDV-DN-SM
  - DF5120HD-DN/IR
  - DF5140HD-DN/IR

No separate "Technical Information" has been created for this firmware version.

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