Dallmeier

REV. 1.0.0 | 2021-11-03

QUICK GUIDE

HEMISPHERE®
SeMSy® Compact

Version 5.2.3

MADE IN GERMANY

See more.

Contents

LOGIN AND GUI 3

CONNECTION AND PREMOTE 4

PRESET AND VIRTUAL WALK 6

MAP AND SMARTZOOM 8

REPLAY AND SEARCH 10

REPLAY AND SMARTFINDER 12

EXPORT AND BACKUP 14

Copyright © 2021 Dallmeier electronic GmbH & Co.KG

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages.

All rights reserved in the event of the grant of a patent, utility model or design.

The manufacturer accepts no liability for damage to property or pecuniary damages arising due to minor defects of the product or documentation, e.g. print or spelling errors, and for those not caused by intention or gross negligence of the manufacturer.

Images in this document may differ from the actual product.
Specifications subject to change without notice. Errors and misprints excepted.

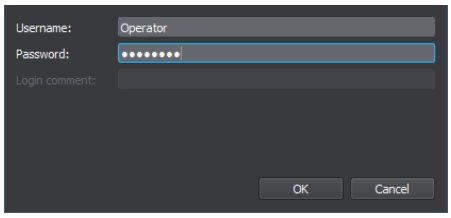
All trademarks identified by ® are registered trademarks of Dallmeier.

Third-party trademarks are named for information purposes only. Dallmeier respects the intellectual property of third parties and always attempts to ensure the complete identification of third-party trademarks and indication of the respective holder of rights. In case that protected rights are not indicated separately, this circumstance is no reason to assume that the respective trademark is unprotected.

Login and GUI

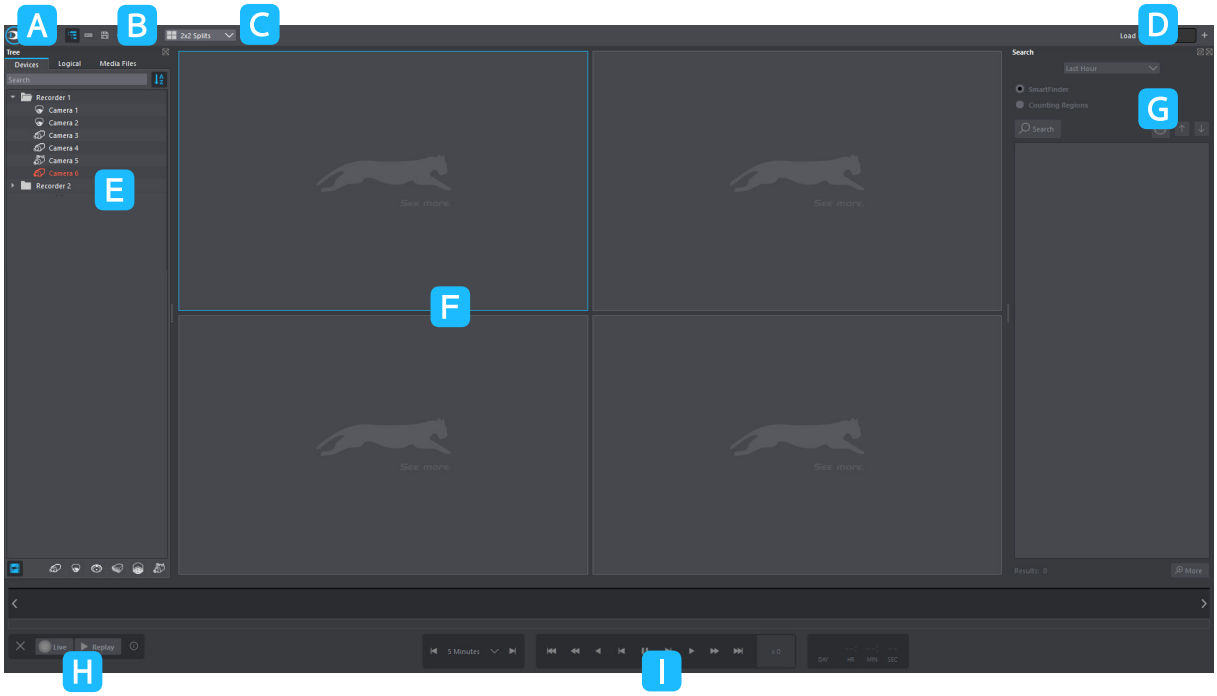
- Start the workstation.
- Start SeMSy® Compact.

The login dialog is displayed.



- Enter ***User name*** and ***Password***.
- Confirm with ***OK***.

The user interface is displayed depending on the selected presets.



A Program Icon
B Show/Hide Functions
C Split Views
D Performance Monitor
E System Tree
F Active Split
G Search Functions
H Live/Playback
I Playback Control

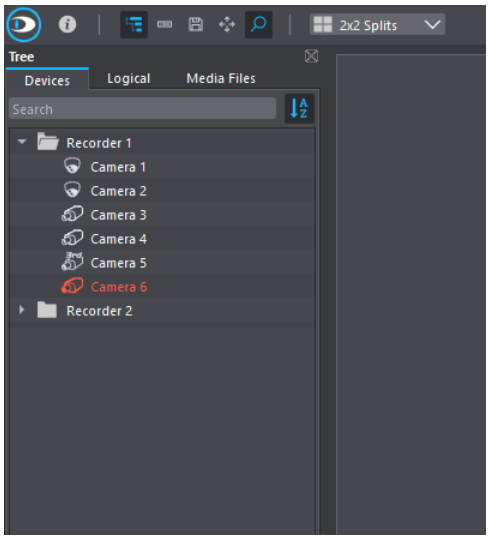
Click the corresponding icon B to show/hide functions of SeMSy® Compact:

System Tree
Device
Backup
Camera Control
Search

Connection and PRemote

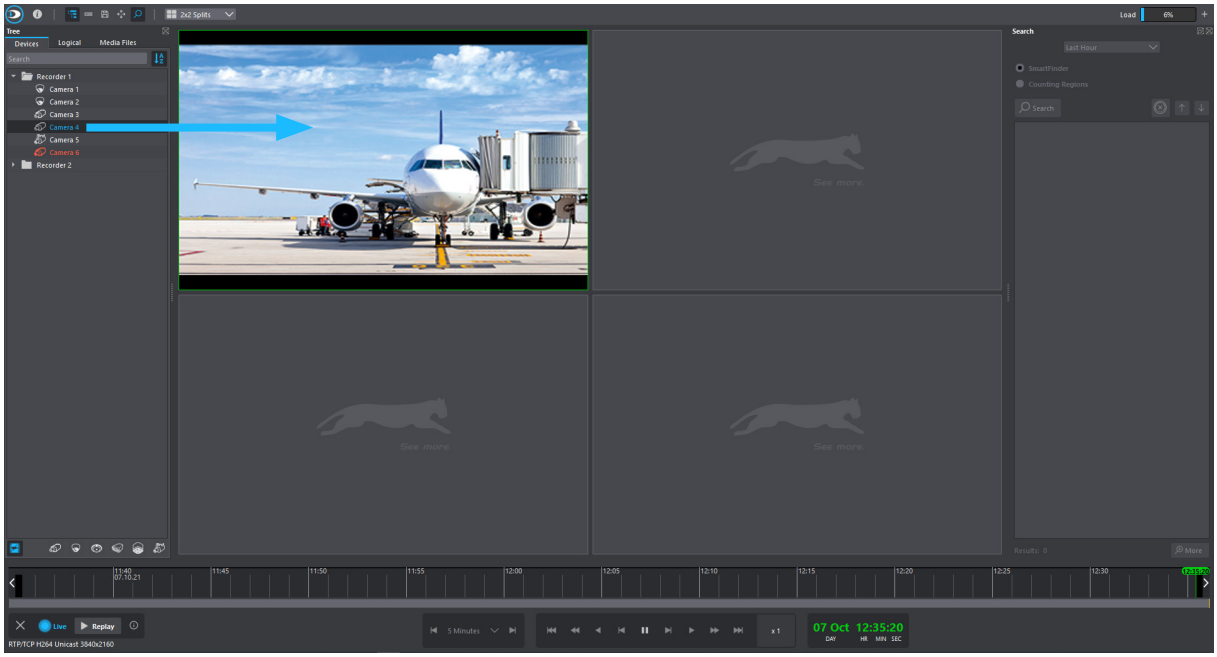
Connecting a camera from the system tree

- Open the ***System Tree***.
- Select the ***Devices*** tab.
- Open the directory of the required recorder.



*Cameras that are not available are marked in red in the **System Tree**.*

- Drag and drop the required camera on a split.

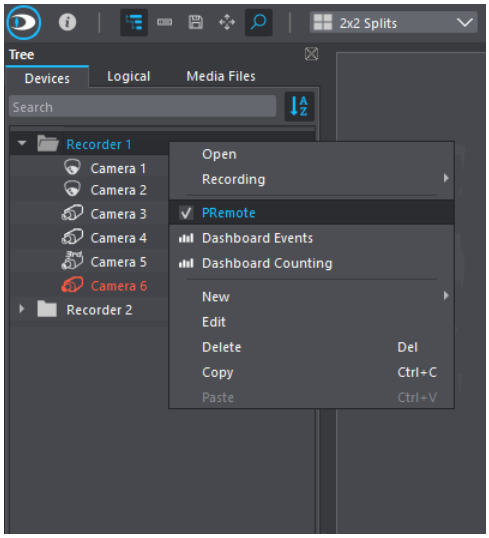


After the connection is established, the camera is displayed in live mode.

Connecting a camera via PRemote from the system tree

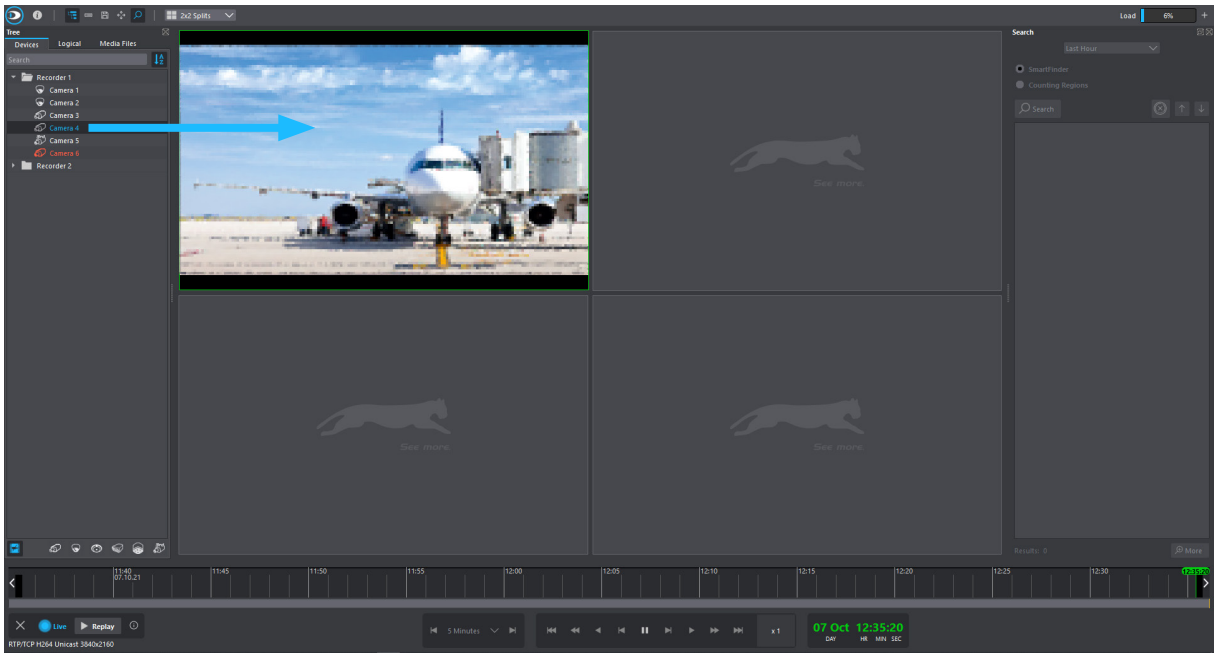
The ***PRemote*** function requests video streams from the recorder that are optimized for transmission in low-bandwidth networks. When the function is enabled, the corresponding cameras are connected at reduced resolution.

- Open the context menu of the required recorder with a right-click.



*The **PRemote** option is available only if the recorder has been configured and licensed for the use of the function.*

- Activate the ***PRemote*** check box.
- Drag and drop the required camera on a split.



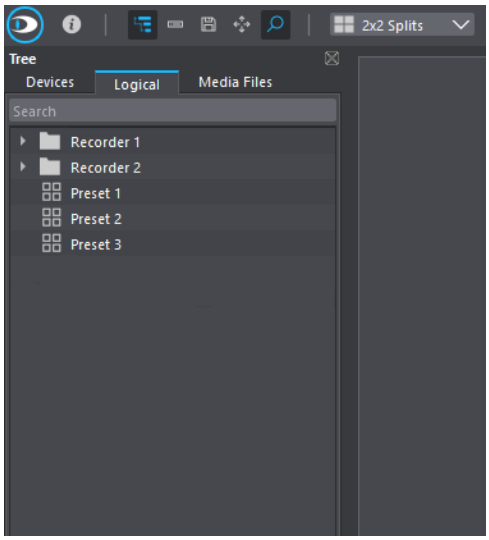
After the PRemote connection is established, the camera is displayed in live mode with reduced and resource-saving resolution.

Preset and Virtual Walk

Connecting cameras with a preset from the system tree

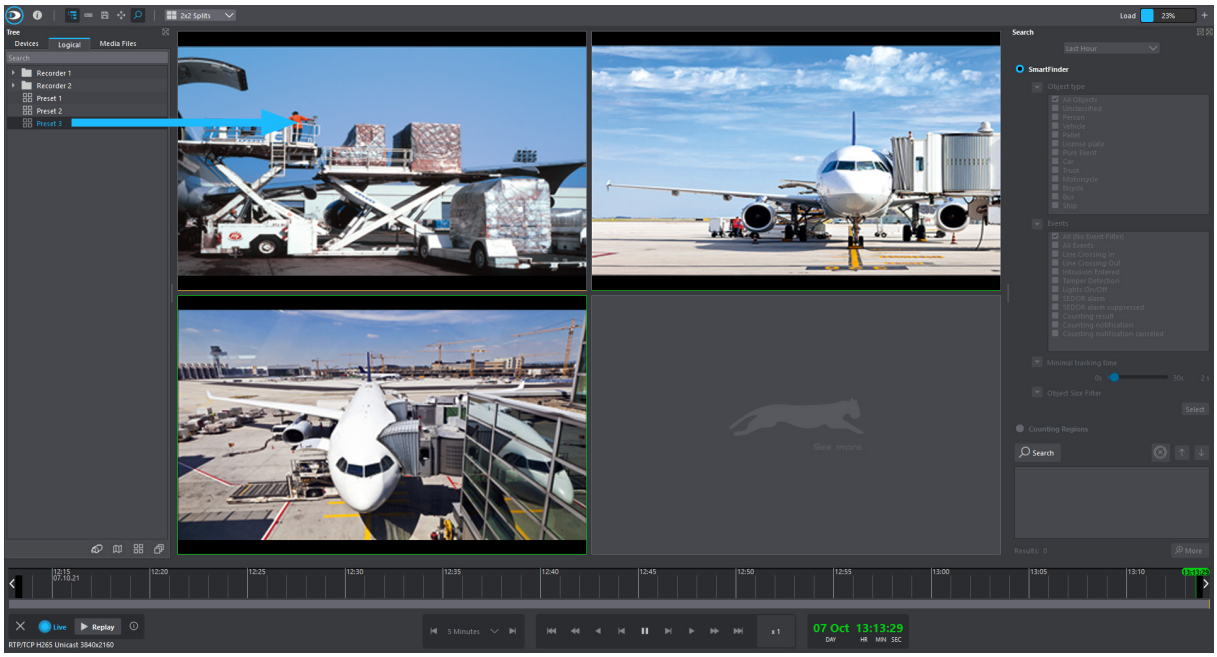
A ***Preset*** (predefined) allows simultaneous connection of multiple cameras, each displayed in its own split.

- Open the ***System Tree***.
- Select the ***Logical*** tab.



*A **Preset** can contain cameras in live mode and in playback mode.*

- Drag and drop the required ***Preset*** on a split.

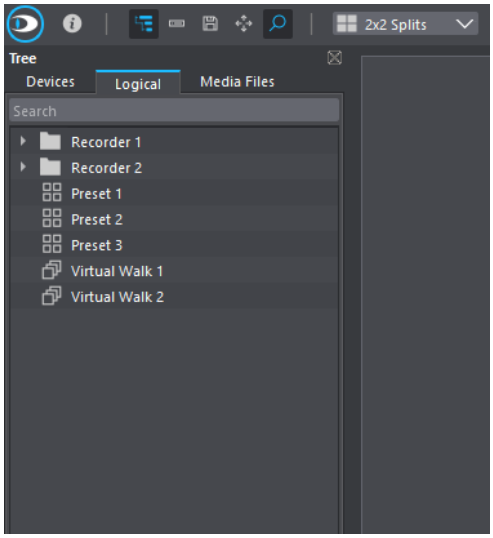


After the connection is established, the cameras are displayed in multiple splits in live mode or playback mode.

Connecting cameras with a virtual walk from the system tree

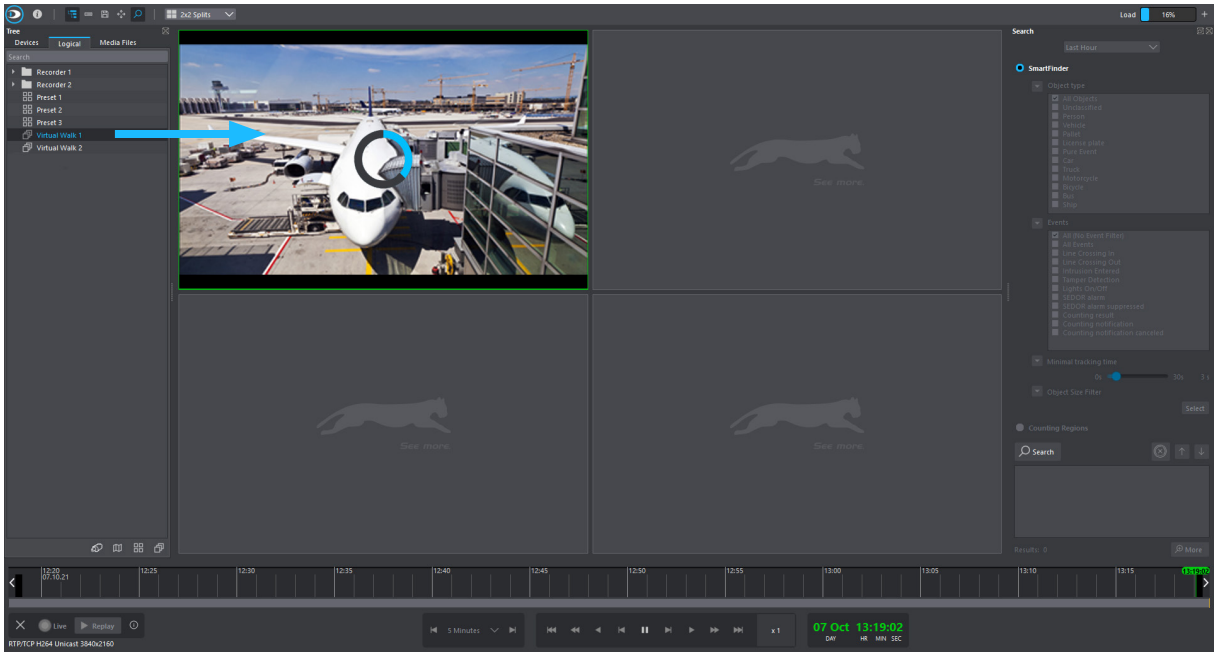
A ***Virtual Walk*** (predefined) allows the connection of multiple cameras, which are displayed in a split alternately in a specified order.

- Open the ***System Tree***.
- Select the ***Logical*** tab.



*The **Virtual Walk** option is only available for cameras in live mode.*

- Drag and drop the required ***Virtual Walk*** on a split.



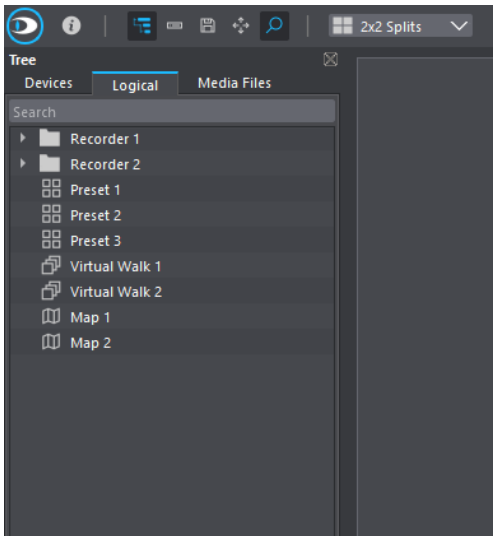
After the connection is established, the live image of the first camera is displayed for the set duration. When switching between cameras, a progress circle is displayed in the split.

Map and SmartZoom

Connecting cameras with a map from the system tree

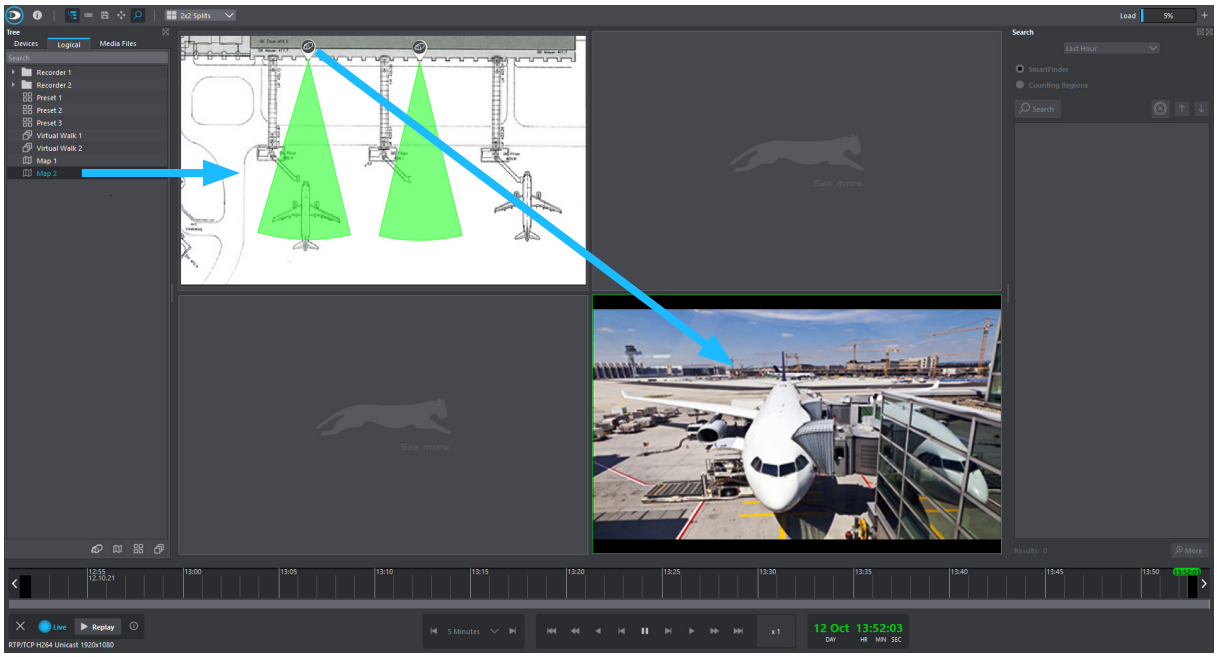
A ***Map*** (predefined) can provide a good overview of the position of all cameras in large areas and allows the immediate connection of cameras via drag and drop.

- Open the ***System Tree***.
- Select the ***Logical*** tab.



*In the **Map**, information about the camera is displayed on mouseover and a small preview window on left-click.*

- Drag and drop the required ***Map*** on a split.
- Drag and drop the required camera from the map on a split.



After the connection is established, the camera is displayed in live mode.

Evaluating the camera in detail with SmartZoom

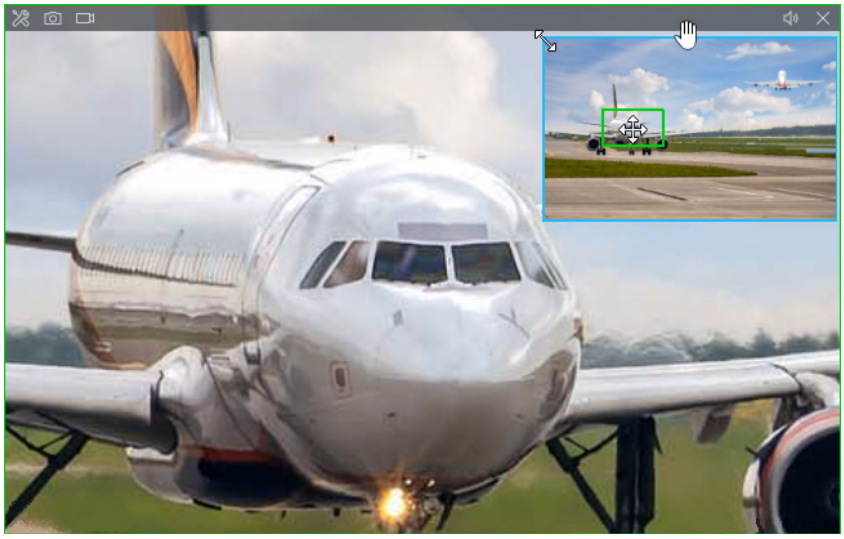
The ***SmartZoom*** function allows the digital magnification of interesting image areas independent of the camera settings or the recording.

- Drag and drop the required camera on a split.
- Click in an image area and turn the mouse wheel forward to zoom in.

SmartZoom *can be used for any camera in both live mode and playback mode.*

An overview with the SmartZoom image is displayed at the bottom right of the split.

- Drag the corners of the overview to change its size.
- Drag the edges of the overview to change its position.
- Drag the SmartZoom area to change the magnified section of the image.

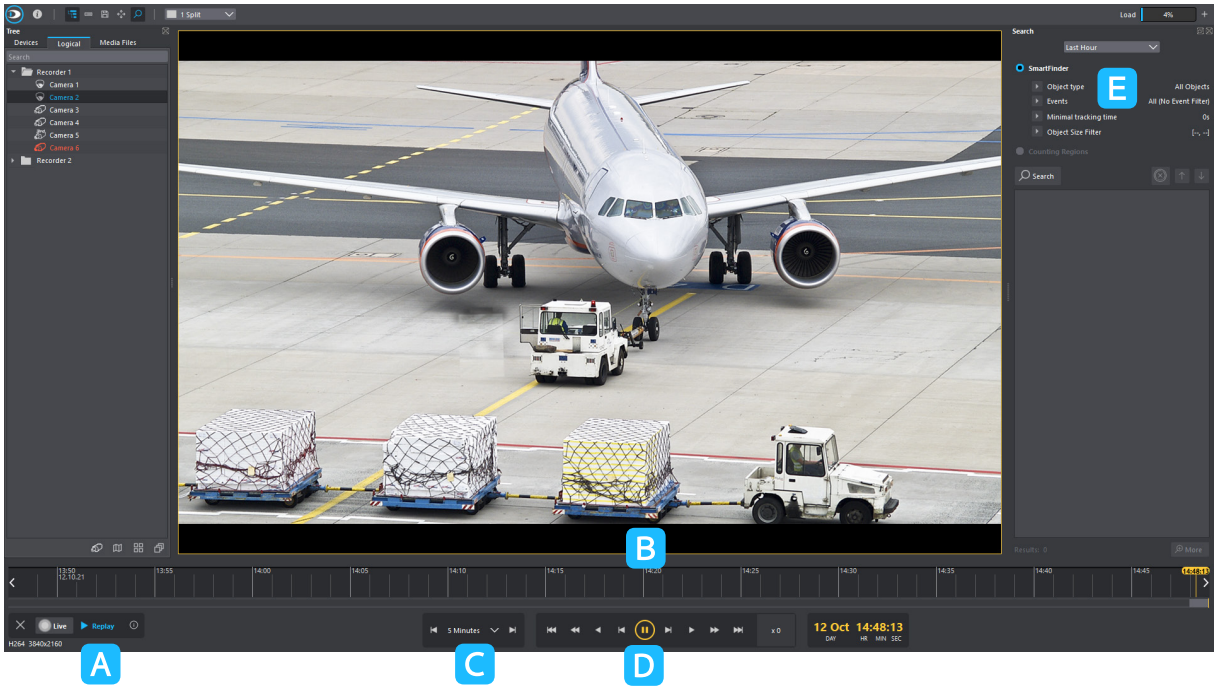


If the camera is disconnected when the ***SmartZoom*** function is active, SeMSy® Compact remembers the magnified area and the position of the overview. After reconnecting the camera, the image is displayed with the corresponding magnification.

Replay and Search

Switching a camera to replay mode

- Connect the required camera in live mode.
- Start the display of the recordings with the ***Replay*** button A.

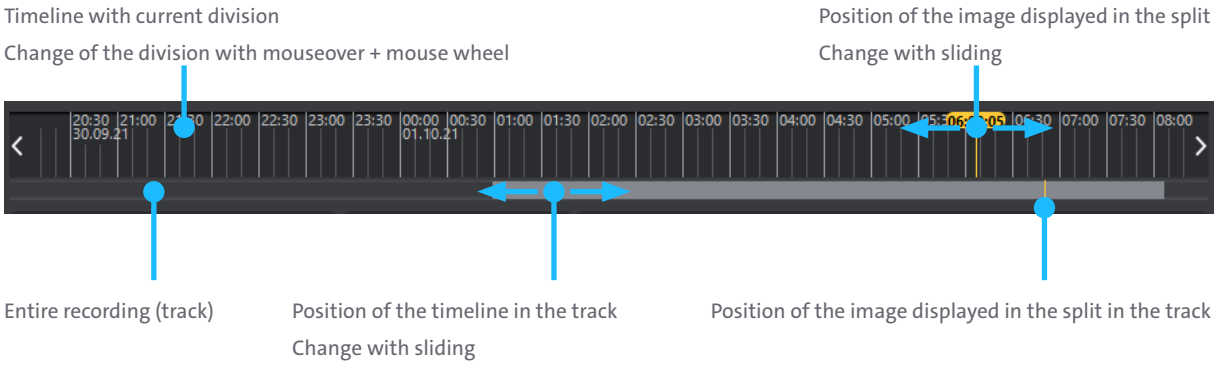


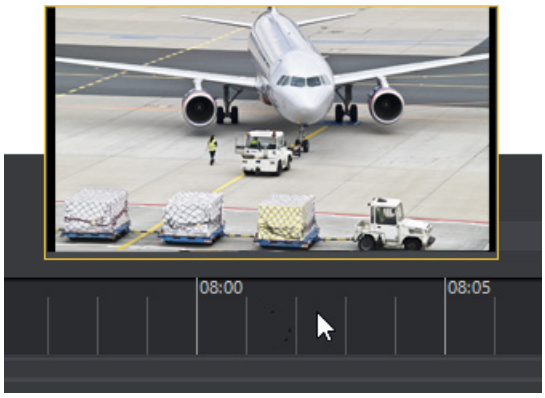
After switching to playback mode, the functions Timeline B, Interval Jump C, Replay Control D and SmartFinder E are activated.

> *Note that the comfort functions Timeline, Interval Jump and SmartFinder are only available if the recorder has been configured and licensed for the use of the functions.*

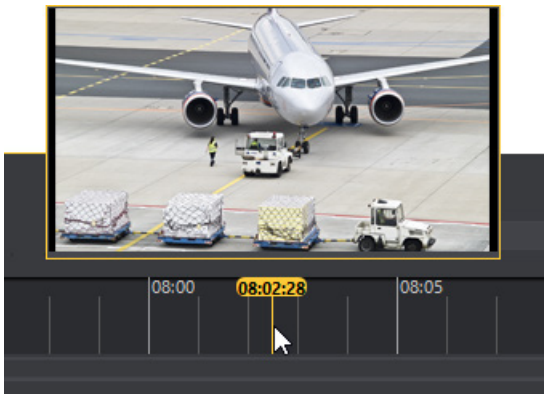
Timeline

The timeline offers a variety of functions for orientation and navigation in the entire recording (track) of the camera.





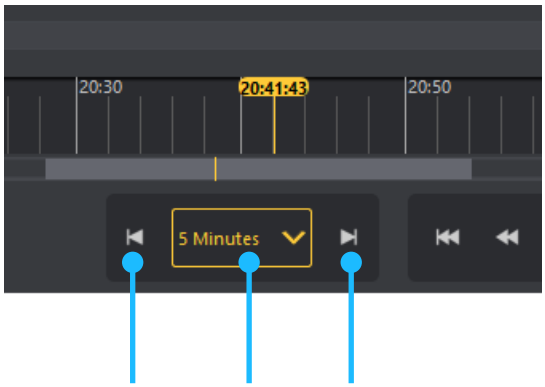
Preview image on mouseover in timeline



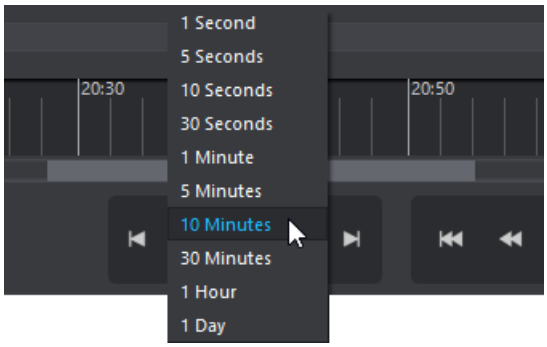
Display of the image in the split on left click
Change with sliding

Interval Jump

The interval jump allows efficient tracking of an interesting event starting from the currently displayed image. The suitable interval can be selected intuitively.



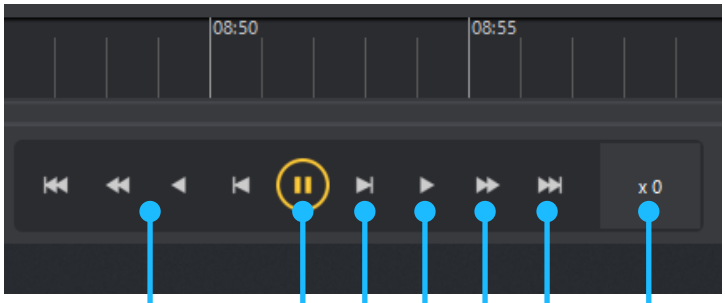
Step backward Interval Step forward



Selection of a suitable interval

Replay Control

The replay control allows accurate and smooth evaluation of high-resolution real-time recordings.



Replay backward
Stop
Single image forward
Regular replay forward
Fast replay forward
Jump to the track end
Change replay speed with mouse wheel

Replay and SmartFinder

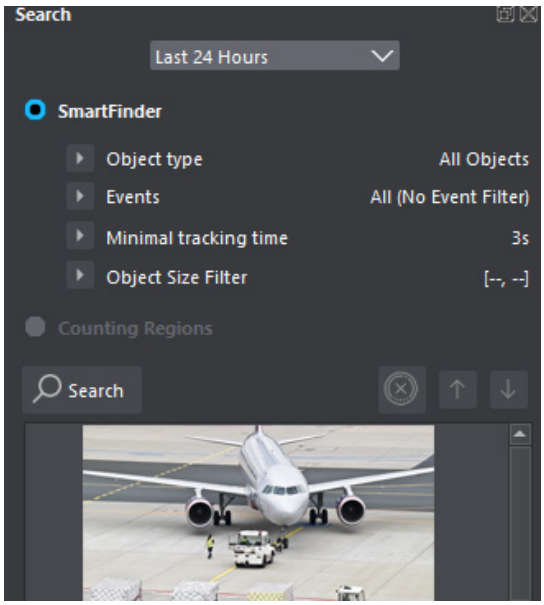
Finding images with movements in the recordings of a Dallmeier camera

The comfort function ***SmartFinder*** allows the targeted search of recordings with movements in a defined image area. The events found are displayed with preview images and can be filtered with the different object and event types of the classic VCA and the innovative AI analysis of the camera.

- Connect the required camera in replay mode.

SmartFinder evaluates the entire image, if no image area is defined.

- Drag a rectangle over the relevant image area with the right mouse button.
- Set the relevant time range, for example, the ***Last 24 hours***.
- Start SmartFinder with a click on ***Search***.



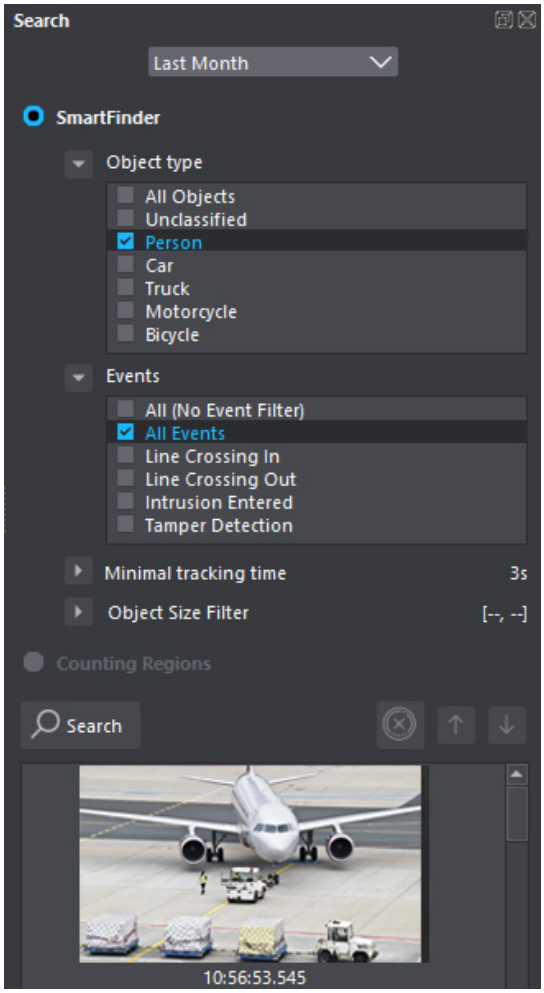
Preview images can be dragged and dropped into a split for evaluation.

The results are displayed under the search with thumbnails and the associated time.

Finding images with objects and events in the recordings of a Dallmeier camera

The comfort function ***SmartFinder*** allows the restriction of the search to certain object and event types.

- Select the relevant ***Object Type*** (multiple selection possible).
- Select the relevant ***Event*** (multiple selection possible).
- Start SmartFinder with a click on ***Search***.



The available object and event types depend on the camera and the configured analytic.

*The results list can be subsequently filtered with the minimum **Tracking time** of the object or the **Object size**.*

Display of the results list in the timeline

The results of the SmartFinder search are also displayed in the timeline.

The results can be dragged and dropped from the timeline into a split.

Export and Backup

The functions for the simple export of the displayed image and of the displayed sequence are available in live mode and in replay mode. For their optimal use, the option ***Use default file name*** should be activated (Configuration/Local Tracks/Export) and a storage location should be specified.

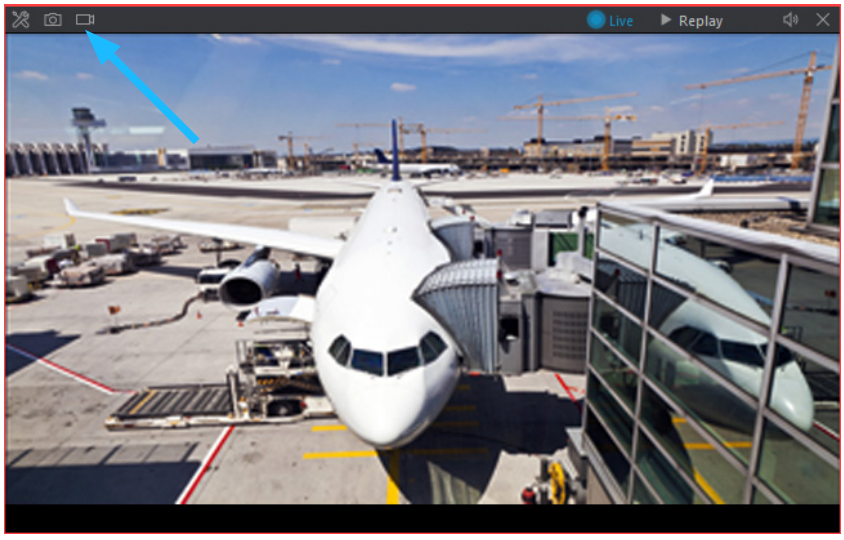
Export of the displayed image

- Connect the required camera in live mode or in replay mode.
- Trigger the saving of the current image with a click on .

The saving of the image is confirmed with a notice, which is automatically closed after a few seconds.

Export of the displayed sequence

- Connect the required camera in live mode or in replay mode.
- Start and stop saving of the current sequence with a click on .



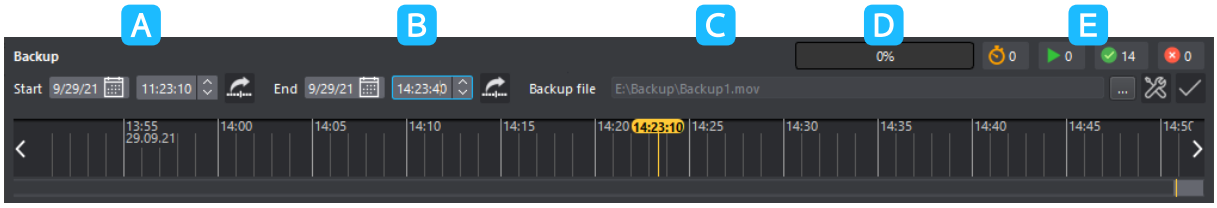
While saving a sequence, the split is displayed in a red frame.

Backup of the recordings of a camera

The ***Backup*** function allows the local backup of the recordings of a camera. After the definition and the start of the backups, the execution takes place in the background, independent of the further operation or display in the corresponding split.

- Connect the required camera in live mode or in replay mode.
- Activate the ***Backup*** function with the corresponding icon (left, top).

The backup control is displayed above the timeline.



- Enter the start time of the backup sequence A.
- Enter the end time of the backup sequence B.
- Enter the storage location and file name C using the file explorer ...
- Start the execution of the backup with a click on .

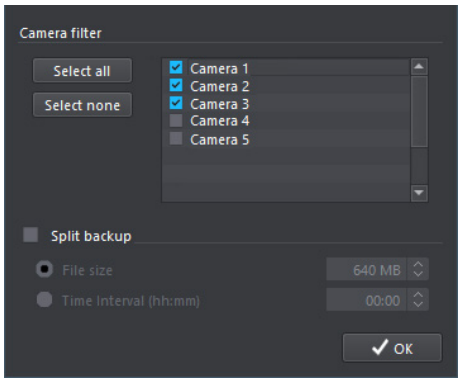
Start and *End* can also be taken from the current position in the timeline.

Note the progress D and the information E on running and completed backups.
A click on the info buttons E opens a window with detailed information.

Backup of the recordings of multiple cameras

The ***Backup*** function additionally allows the local backup of the recordings of multiple cameras.

- Connect one of the required cameras in replay mode.
- Enter the start time, end time, storage location and file name as described above.
- Open the ***Camera filter*** with a click on .



*The camera displayed in the replay split must also be selected in the **Camera filter**.*

The backups of the different cameras all have the same file name, with camera name as addition.

- Select the required cameras.
- Confirm with ***OK***
- Start the execution of the backups with a click on .

The backups are executed one after the other and in the background.

HEAD & ACCOUNTS OFFICE

Dallmeier electronic GmbH & Co.KG
Bahnhofstr. 16
93047 Regensburg
Germany

tel +49 941 8700 0
fax +49 941 8700 180
mail info@dallmeier.com

www.dallmeier.com