

Dallmeier DLS / DMS Recorders



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Validity

This documentation applies to all DLS or DMS recorder series listed below. It has been produced on basis of software version 6.3.0.

DMS 80	DLS 4	DLS 4 Bank
DMS 160	DLS 8	DMS 80 Bank
DMS 240	DLS 8 Plus	DMS 160 Bank
DMS 240 HSR	DLS 16	DMS 240 Bank
	DLS 16 Plus	DMS 240 HSR Bank

Safety instruction

Read and observe the detailed documentation (Operation) on the product CD. It contains important information on safety, intended use, performance features, restrictions, operation and further functions.

Control in live mode and login

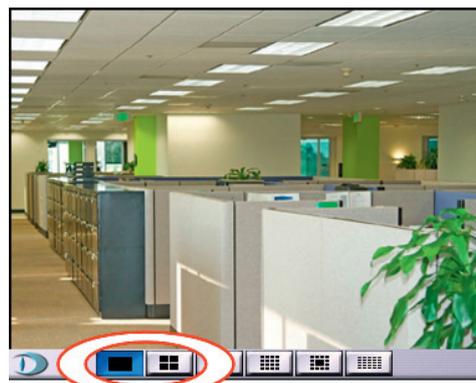
View

- ▶ Move the mouse pointer to the bottom of the display.

The selection **Split type** will be displayed.

- ▶ Select a split type.

A view with one (single split) or several cameras (multi split) will be displayed.

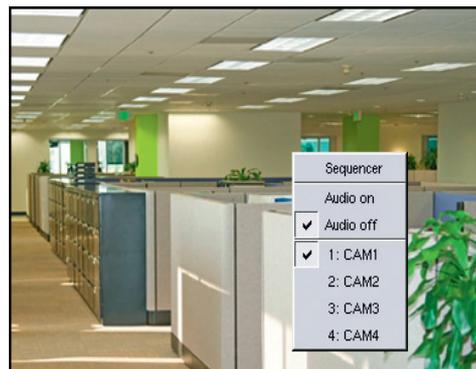


Single split options

- ▶ Select the **single split** view (full screen).
- ▶ Right-click the single split.

The context menu of the single split will be displayed.

- ▶ Select a camera.
- ▶ Activate **Audio** if required.
- ▶ Activate the **Sequencer** if required.



Multi split options

- ▶ Select a **multi split** view.
- ▶ Right-click a split.

The context menu of the multi split will be displayed.

- ▶ Activate **Audio** if required.
- ▶ Activate displaying as **Full screen** if required.



Group mode login

- ▶ Left-click a split.

The virtual keyboard will be displayed.

- ▶ Enter the password.
- ▶ Confirm with **OK** (virtual keyboard).



User mode login

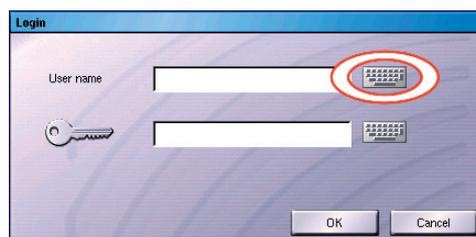
- ▶ Left-click a split.

The **Login** dialog will be displayed.

- ▶ Left-click the first keyboard button.

The virtual keyboard will be displayed.

- ▶ Enter the **User name**.
- ▶ Confirm with **OK** (virtual keyboard).
- ▶ Proceed as described to enter the password.
- ▶ Confirm with **OK** (dialog).



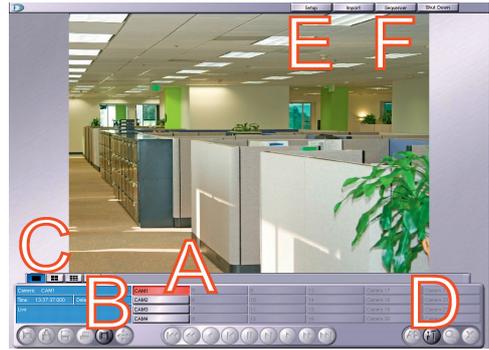
Playback mode

Track selection and analysis of stored images

User interface

After login the user interface will be displayed with a live image.

- A Camera selection
- B Track selection
- C Split type selection
- D VGA / Audio settings
- E **Setup** (configuration dialogs)
- F **Sequencer** (live mode)



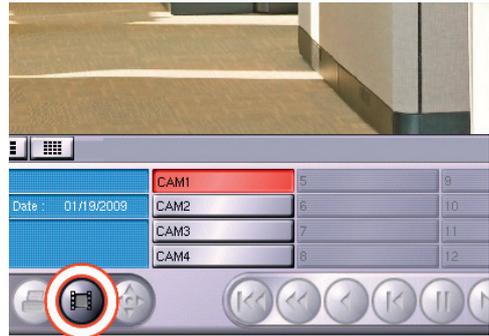
Quick track selection (longplay tracks)

- ▶ Click a camera button.

The camera's live image will be displayed.

- ▶ Click the **Track selection** button.
(Bank recorders → Right-click)

The playback control will be activated. The newest image (end of track) of the corresponding track will be displayed.



Track selection (all tracks)

- ▶ Right-click the **Track selection** button.
(Bank recorders → Left-click)

The **Track selection** panel will be displayed.

- ▶ Select the track type (tab).
- ▶ Select the track.
- ▶ Click **Open**.

The playback control will be activated. The newest image (end of track) of the corresponding track will be displayed.



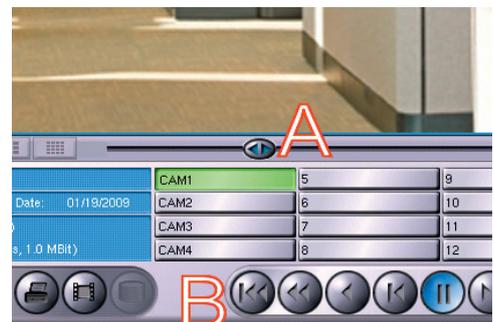
Playback control

- ▶ Use the **Slider (A)** to position in the track.
- ▶ Use the buttons **(B)** for playback control.

The **longplay track** can be switched if required.

- ▶ Click the corresponding camera button.

The image (same point in time if possible) of the corresponding track will be displayed.



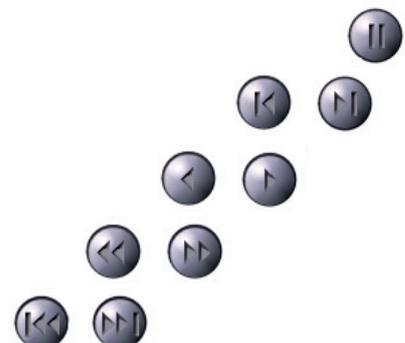
Stop

Single image · backward / forward

Playback · backward / forward

Fast playback · backward / forward

Track start / Track end



Functions (bottom left)

Delete · Delete all images in the current track.



Start / Stop · Toggle recording in the current track (green = active / red = inactive).



Image backup · Store images on CD / DVD+ / USB stick / HDD (see **Image backup**).



Print · Print the currently displayed image.



Functions (bottom right)

Search · Search for specific times, data and events in the track (see **Search functions**).



Settings · Adjust the settings for audio and video output (see below).



Zoom · Enlarge an image section (see below).



Close · Stop playback of the track.

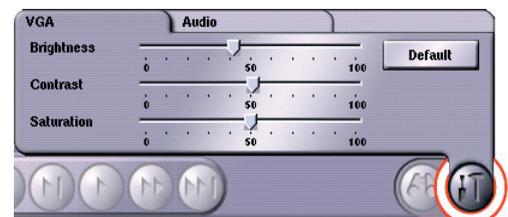


VGA / Audio settings

- ▶ Click the **Settings** button.

The **VGA / Audio settings** panel will be displayed.

- ▶ Select the **VGA** or **Audio** settings (tab).
- ▶ Set the values.
- ▶ Close and save with a click on the **Settings** button.



The factory settings can be restored with **Default** if required.

Zoom

- ▶ Click the **Zoom** button.

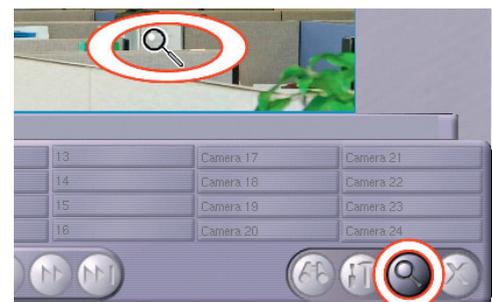
The mouse pointer will be displayed as a magnifying glass.

- ▶ Position the mouse pointer on an image section.

Zoom in → Left-click (up to 8x)

Zoom out → Right-click

- ▶ Exit the function with a click on the **Zoom** button.



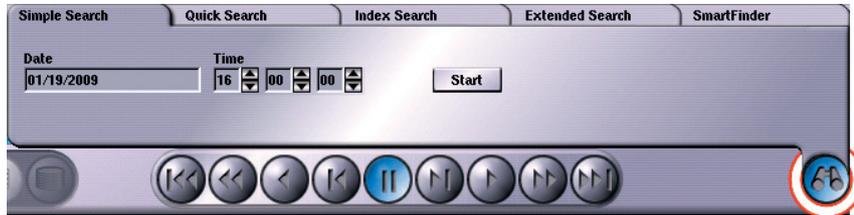
Search functions

Search for specific times, data, events, markings or motions in a track

Search panel

- ▶ Start playback of a track.
- ▶ Click the **Search** button.

The **Search** panel will be displayed.



- ▶ Select a search function (tab).

Simple Search · Jump to a point in time

- ▶ Set the **Date** and the **Time**.



- ▶ Click **Start**.

The corresponding image will be displayed.

Quick Search · Jump a period forward / backward

- ▶ Set the **Unit** and the **Distance**.

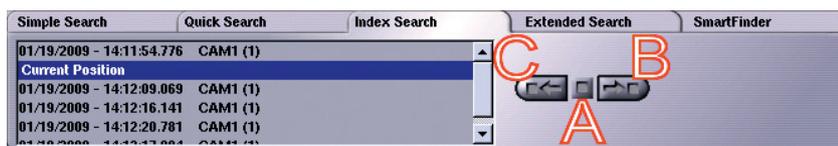


- ▶ Click **Forward (A)** or **Backward (B)**.

The corresponding image will be displayed.

Index Search · Search for images with markings

- ▶ Click the **Refresh** button (A).



The result list will be generated and displayed.

- ▶ Select a result with **Forward (B)** or **Backward (C)**.

The corresponding image will be displayed.

Extended Search · Search for images with stored data

- ▶ Set a period (A).
- ▶ Set the search categories (B).
- ▶ Enter the search criteria (C).
- ▶ Click **Start**.



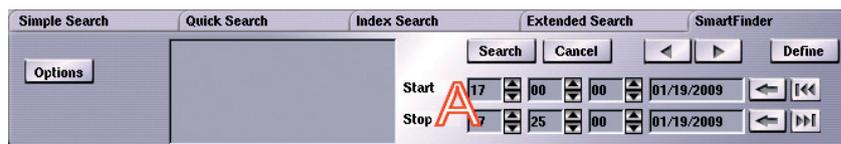
The result list will be generated internally but will not be displayed.

- ▶ Select a result with **Forward (D)** or **Backward (E)**.

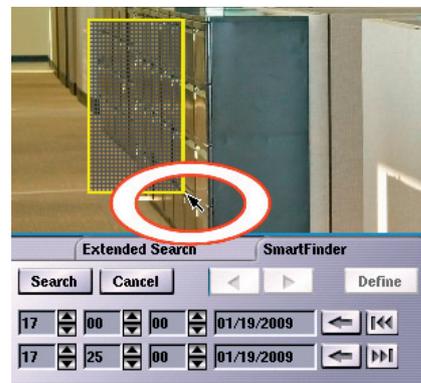
The corresponding image will be displayed.

SmartFinder · Search images with motions in defined sections

- ▶ Set a period (A).
- ▶ Click **Define**.



- ▶ Define the image section with the mouse pointer as a rectangle (left-click + drag).
- ▶ Adjust the image section if required.
Position → Left-click + drag&drop
Size → Left-click on the border + drag&drop
Delete → Right-click
- ▶ Proceed as described for max. 4 image sections if required.
- ▶ Click **Search**.



The result list will be generated and displayed.



- ▶ Select a result with **Forward (B)** or **Backward (C)**.

The corresponding image will be displayed with indicators for search sections and motion sections.

Image backup

Creation of an export list and storage on a CD / DVD+ / USB stick / HDD

Select track

- ▶ Right-click the **Track selection** button.
(Bank recorders → Left-click)

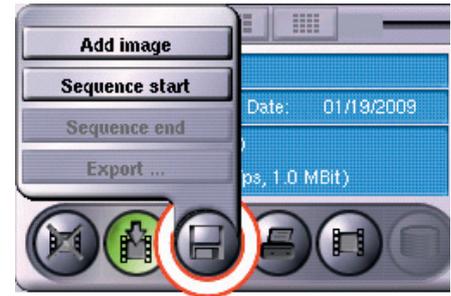
The **Track selection** panel will be displayed.

- ▶ Select the track type (tab).
- ▶ Select the track.
- ▶ Click **Open**.



Select image

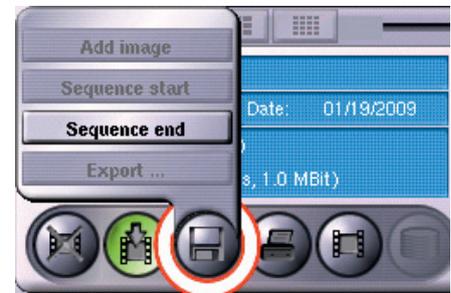
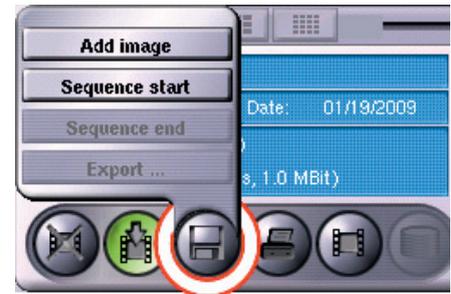
- ▶ Search the image.
- ▶ Click the **Image backup** button.
- ▶ Click **Add image**.
- ▶ Proceed as described for all images.



Select period

- ▶ Search the oldest image of the period (start of event).
- ▶ Click the **Image backup** button.
- ▶ Click **Sequence start**.

- ▶ Search the newest image of the period (end of event).
- ▶ Click the **Image backup** button.
- ▶ Click **Sequence end**.
- ▶ Proceed as described for all periods.



Further cameras / tracks

Images and periods from other cameras / tracks can be selected as well if required. But the current selection will be deleted if the playback mode is closed.

- ▶ Ensure that the playback mode will not be closed.
- ▶ Select a new track with the **Track selection** panel.
- ▶ Proceed as described for all images and periods.

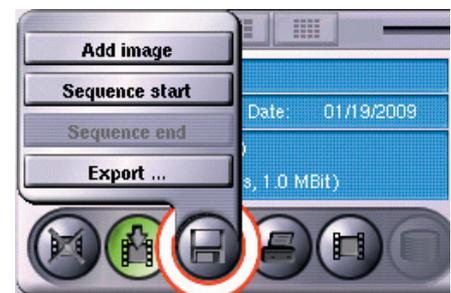


Create export list

The export list can be created after the selection of the images and periods.

- ▶ Click the **Image backup** button.
- ▶ Click **Export...**

The export list will be created and displayed.

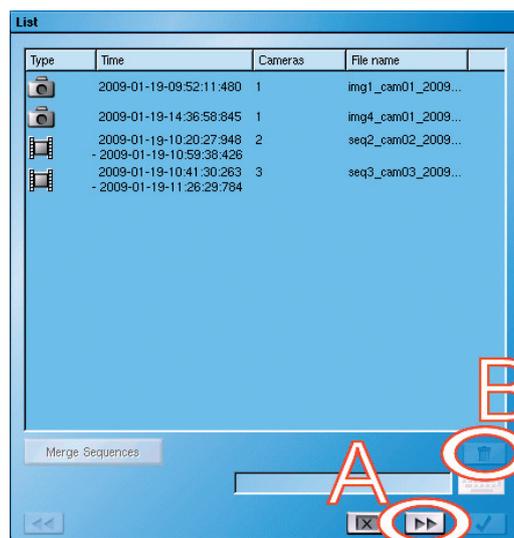


Export list

The *List* dialog will be displayed.

- ▶ Check the export list.
- ▶ Insert a CD / DVD+ or connect a USB stick / HDD.
- ▶ Confirm with the **Next** button (A).

Images and periods can be selected and deleted (B) from the export list.

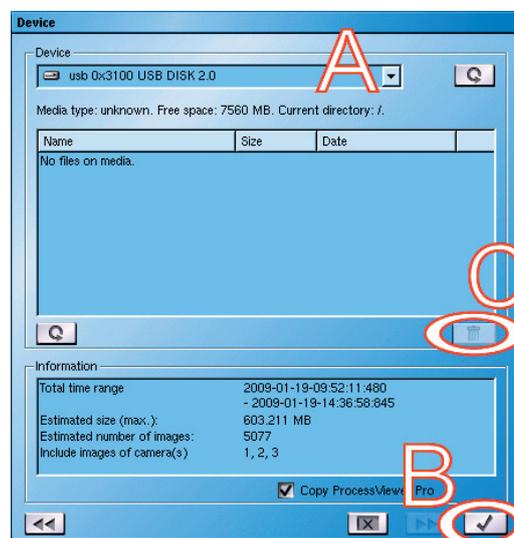


Device

The *Device* dialog will be displayed.

- ▶ Select the *Device* (A).
- ▶ Check the available memory capacity.
- ▶ Confirm with the **OK** button (B).

Files on a rewritable medium can be selected and deleted (C).

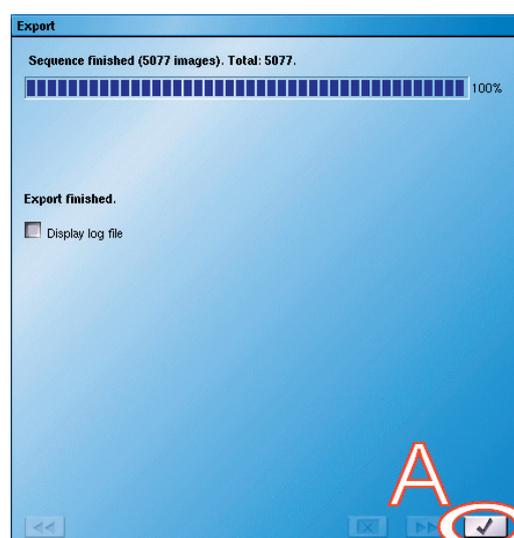


Completion

The *Export* dialog will be displayed.

- ▶ Note the progress bar.
- ▶ Wait until the message **Export finished** is displayed.
- ▶ Confirm with the **OK** button (A).
- ▶ Close the playback mode.
- ▶ Remove the CD / DVD+ or the USB stick / HDD.

The display of the *log file* can be activated for information any time.



System messages

Analysis of system messages (error, status, logins, actions) and storage on a USB stick

Display

System messages (short) can be displayed on the recorder's front side.

- ▶ Note the message.
- ▶ Take the required measures.

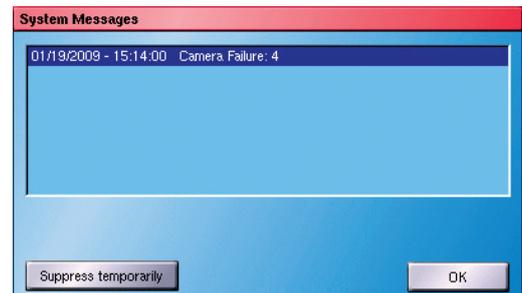


Monitor

System messages (detailed) can be displayed with a pop-up dialog.

- ▶ Note the message(s).
- ▶ Take the required measures.
- ▶ Confirm the message(s) with *OK*.

The dialog can be hidden for 30 seconds with *Suppress temporarily*.



Analysis

- ▶ Click *Setup* in the menu bar.

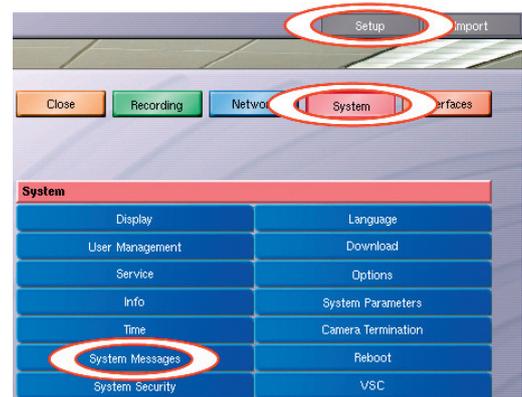
The configuration selection will be displayed.

- ▶ Click *System*.

The dialog selection *System* will be displayed.

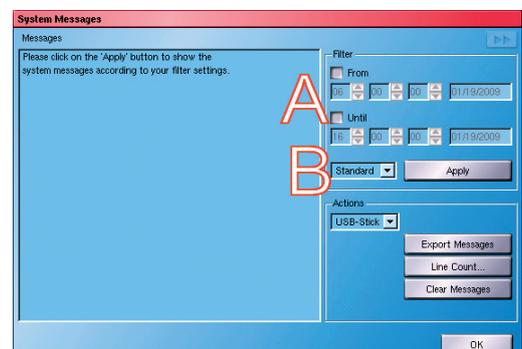
- ▶ Click *System Messages*.

The *System Messages* dialog will be displayed.



Define analysis

- ▶ Set a period (A) if required.
 - ▶ Select the message category (B).
- Standard* → error and system messages
Protocol → logins and logouts
Actions → user actions
- ▶ Start the analysis with *Apply*.

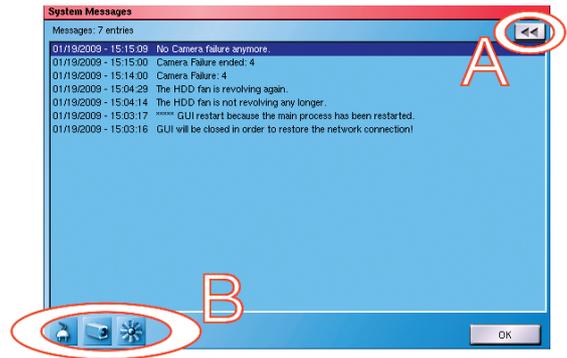


Message list

The corresponding messages will be displayed in detailed view.

- ▶ Change to normal view (A) if required.
- ▶ Filter the messages (B) if required (see below).

The *System Messages* dialog can be closed with **OK**.



Filter type

The filter type is indicated by a symbol and a tooltip.

- ▶ Position the mouse pointer on a filter button.
- ▶ Note the tooltip.



Apply filter

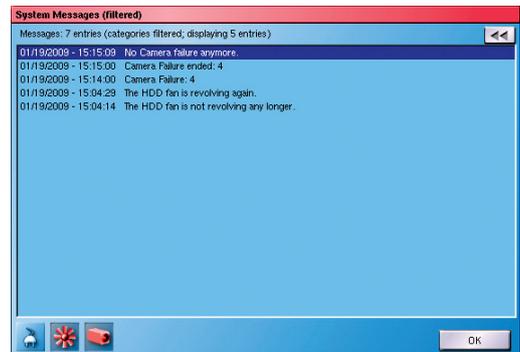
Initially all messages will be displayed (all filter buttons = blue).

- ▶ Click a filter button.

Only the appropriate messages will be displayed (filter button = red).

- ▶ Click another filter button if required.

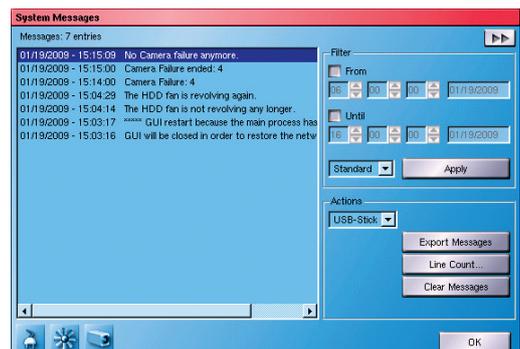
Only the appropriate messages for both filter types (OR relation) will be displayed (both filter buttons = red).



Export

The displayed system messages can be stored as a text file on a USB stick.

- ▶ Connect a USB stick.
- ▶ Filter the system messages if required.
- ▶ Click **Export Messages**.



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