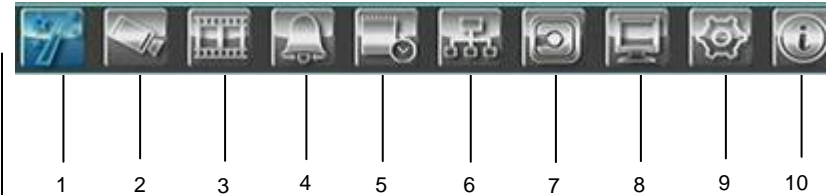


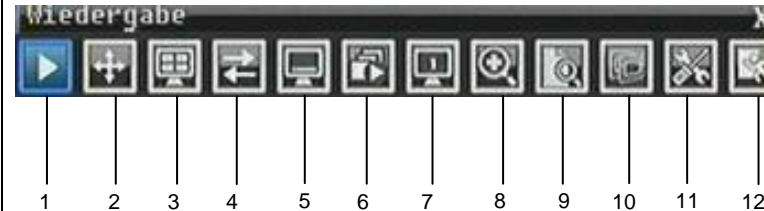
- 1) **2 x USB 2.0 Port** for connecting a USB mouse or a USB stick
- 2) **Keys** for multiview display
- 3) **Channel keys** 1-16 for selecting a single camera to be displayed in full screen. The active channel is indicated through the LED.
- 4) **DVD+RW** DVD+RW drive for data export (DVI/DIA/DR/DRA models only)
- 5) **DISPLAY** The DISPLAY key switches in 4 steps between camera title and status messages on the screen. Details: Chapter 4.9 MONITOR
- 6) **SEQ** Sequence mode, automatic switching
- 7) **ZOOM** 2x electronic zoom. Details: Chapter 4.10 ZOOM
- 8/9) **MONITOR** The MONITOR key switches between main and call monitor operation. If the main monitor is active, the „M“ LED is illuminated; if the call monitor is active, the „I“ LED is illuminated. Details: Chapter 4.9 MONITOR
- 10) **SEARCH** The SEARCH key opens the search menu. Details: Chapter 4.11 SEARCH
- 11) **COPY** The COPY key opens the data export menu. Details: Chapter 4.12 COPY
- 12) **IR Receiver** Receiver for IR remote control
- 13) **HDD1** SATA harddisk #1 (models with removable harddisks only)
- 14) **Lock** Harddisk lock (models with removable harddisks only)
- 15) **HDD2** SATA harddisk #2 (models with removable harddisks only)
- 16) **REC** RECORD key for manual switching of recording start/standby (event recording). LED is illuminated if the DVR records or is in standby mode.
- 17) **STOP** STOP key for playback and record stop.
- 18) **BACK** Reverse playback
- 19) **PAUSE** Freeze image in playback mode
- 20) **PLAY** Forward playback
- 21) **ENTER** ENTER key for menu operation, alarm confirmation and on/off switching of audio signal in full screen mode. Details: Chapter 3.2.1
- 22) **MENU/ESC** Enter main menu or exit submenus.
- 23) **JOG/SHUTTLE** Shuttle (outside): Use the SHUTTLE for fast forward / reverse playback in playback mode.
Jog (inside): Use the JOG to step forward / reverse single images in pause mode. In menu functions, use the JOG to adjust values / parameters. Additionally, use the JOG to highlight individual cameras. Use either Shuttle or Jog to switch between menu parameters.
- 24) **Power LED** LED indicates whether the device is switched on.
- 25) **HDD 1/2 LED** LED indicates which harddisks are used (HDD1: built-in harddisks 1-4, HDD2: external harddisks via e-Sata – function reserved).
- 26) **LAN LED** LED for network traffic
- 27) **Alarm LED** LED for alarm status

Description of on-screen configuration menu (control bar)



Nr.	Menu	Manual
1)	Express	Chapter 5.2
2)	Camera Setting	Chapter 5.3
3)	Record & Play Setting	Chapter 5.4
4)	Alarm & Event Setting	Chapter 5.5
5)	Schedule Setting	Chapter 5.6
6)	Network Setting	Chapter 5.7
7)	Disk Setting	Chapter 5.8
8)	Display Setting	Chapter 5.9
9)	System Setting	Chapter 5.10
10)	Information Setting	Chapter 5.11

Description of the on-screen main menu (control bar)



Nr.	Menu	Manual
1)	Playback	Chapter 4.3
2)	PTZ	Chapter 4.4
3)	Layout	Chapter 4.5
4)	Channel switching	Chapter 4.6
5)	Display	Chapter 4.7
6)	Sequence	Chapter 4.8
7)	Monitor	Chapter 4.9
8)	Zoom	Chapter 4.10
9)	Search	Chapter 4.11
10)	Copy	Chapter 4.12
11)	DVR configuration	Chapter 5
12)	Logout	Chapter 4.13

1. MONITOR DISPLAY FORMATS

The LED indicates the selected display layout.

Note: The multiview keys are only active during main monitor operation.

Full screen:

Press one of the channel keys **1 ~ 16**

Sequence (automatic switching, available in live mode only)

Press the **SEQ** key to start / stop the automatic switching mode.

2. MENU START

Press the **MENU** key to access the main menu bar (front key no. 22). Control the menu either through mouse or through Jog/Shuttle (front key no. 23).

3. BRIGHTNESS – CONTRAST – COLOUR

Brightness, contrast and colour can individually be set for each video channel. Select the camera menu (2nd icon) and enter the option „Video adjust“. Define the values by using the mouse. After adjusting the values, exit the menu by either pressing the **MENU** key 3 times or by mouseclick on the cross in the menu bar (top right corner).

4. RECORDING

Use the **RECORD** key for manual record start / standby (event recording). The LED is illuminated if the DVR records or is in standby mode.

5. PLAYBACK

Start the playback at the latest HDD playback position by pressing the **PLAY** key (Quick Play function deactivated!).

Fast forward / reverse:

Use the Jog/Shuttle to play video images forward / reverse with up to 32x speed (1x,2x,4x,8x,16x,32x and >>> „minute steps“)

Pause:

Press the **//** key to freeze the current playback position.

6. PLAYBACK SEARCH

Press the **SEARCH** key to enter the playback search menu.

From the menu on the left, select the search method:

- TIME / DATE SEARCH

Enter time and date of the requested recording position and click **PLAYBACK**. Upon successful search, the monitor automatically switches to playback mode and playback starts at the requested position.

- EVENT SEARCH

Select time and date as well as the relevant camera(s). In the „Event“ row, select the requested event type (alarm, motion, video loss and others) and confirm your selection by clicking **SEARCH**. After the search, a list of available events is displayed. Highlight the relevant period and click **PLAY**.

The monitor automatically switches to playback mode and playback starts at the selected position. If you'd like to export this period, just click **COPY** instead of **PLAY**.

- MOTION SEARCH (SMART SEARCH)

Select time and date as well as the relevant camera(s). If applicable, define a motion zone by clicking **GRID SETTING**. Confirm your selection by clicking **SEARCH**. After the search, a list of available motion events is displayed. Select the relevant event from the list and click **PLAY**. The monitor automatically switches to playback mode and playback starts at the selected position. If you'd like to export this event, just click **COPY** instead of **PLAY**.

7. COPY / ARCHIVING VIDEO DATA

Insert a USB stick into the USB socket at the front.

Press the **COPY** key in live mode to display the copy menu.

Enter start and end time of the video export and highlight the requested cameras.

Select the target medium USB / CD/DVD (DI/DIA/DR/DRA models).

Press the **COPY** key to start the video data export.

If requested, the player software can also be exported to the USB stick by activating the checkbox „**PLAYER**“.

Exit the menu by either pressing the **MENU** key several times or by mouseclick on the cross in the menu bar (top right corner).