



**SEC-DVR220 8CH**  
**SEC-DVR230 16CH**  
**HARDDISK RECORDER**



## Quick Installation Guide

**MANUAL**

**ANLEITUNG**

**MODE D'EMPLOI**

**GEBRUIKSAANWIJZING**

**MANUALE**

**MANUAL DE USO**

**HASZNÁLATI ÚTMUTATÓ**

**KÄYTTÖOHJE**

**BRUKSANVISING**

**NÁVOD K POUŽITÍ**

## Quick Installation Guide

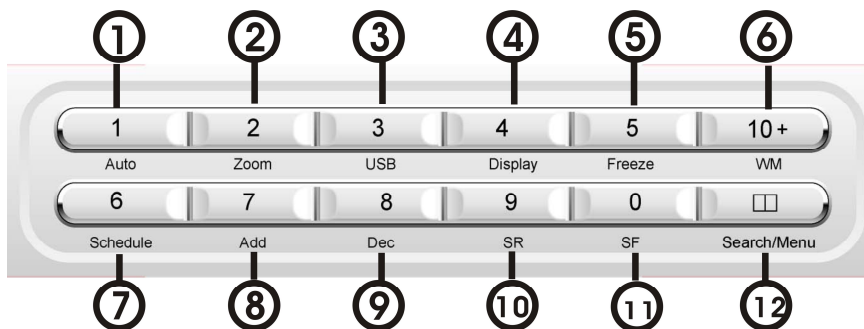
Guide for quick installation of the harddisk recorder. For details on using the harddisk recorder, refer to advanced manual supplied on CD.

### Front Panel Function Description



1. **REC:** It is manual recording button. Push this button to record video to hard disk, Re-push this button, it will stop recording. So, this button is the switch button of manual recording and stopping recording operation, recording and stop will work simultaneously on 16 channels. This button doesn't work in schedule mode.
2. **PLAY:** Push this button to start playing the video stored in hard disk, Re-push this button, it will stop playing. So, this button is the switch button of playing video and stopping playing operations. Play and stop will work simultaneously on 16 channels. This button doesn't work while time recording and alarming recording.
3. **REW:** fast backward button. Push this button to start fast backward playing till push play button to start normal playing.
4. **FORWARD:** fast forward button. Push this button to start fast forward playing till push play button to start normal playing the fast forward has five speeds; each time you push the button will change the speed from slow to fast and then back to slow.
5. **MODE:** mode change key, push this key to change to shift mode, RE-push to change to normal mode.

## Function Control Area



- 1. Auto/1:** Auto key, in shift mode, push this button, The DVR will be in auto dwell state, it dwells according to the time set in auto sequence set menu, you can set the dwell time of each channel. Push this button to quit this mode. If not in shift mode, push this button to see big picture of channel 1. While inputting numbers, this button is used as number key of "1".
- 2. Zoom/2:** Zoom key, in shift mode, push this button, the DVR will be in zoom mode, please refer to zoom operation in user guideline for details, push zoom button again to cancel zoom operation. If not in shift mode, push this button to see big picture of channel 2. While inputting numbers, this button is used as number key of "2".
- 3. USB/3:** USB key, in shift mode, push this button, the DVR will start USB backup, please refer to USB backup operation in user guideline for details, push USB button again to cancel USB backup. If not in shift mode, push this button to see big picture of channel 3, while inputting numbers, this button is used as number key of "3".
- 4. Display/4:** Display key, in shift mode, push this button to display current information on the screen, push again this to clear the information display. If not in shift mode, push this button to see big picture of channel 4. While inputting numbers, this button is used as number key of "4".
- 5. Freeze/5:** Freeze key, in shift mode, push this button, the DVR will be in freeze mode, please refer to freeze operation in user guideline for details, re-push this button to quit freeze mode, If not in shift mode, push this button to see big picture of channel 5. While inputting numbers, this button is used as number key of "5".
- 6. WM/10+:** Watermark button, In shift mode, if the DVR is playing video, you can push this button to see the watermark of the picture, if the video was recorded by this DVR and has not be changed, there will be a watermark symbol in each picture, push watermark key again to clear the display. If not in shift mode, push this button and then push 1 to 6 to see big picture of channel 11 to channel 16.
- 7. Schedule/6:** Schedule key, in shift mode, push this button to enter schedule state, if the DVR is in schedule state, there will be a "S" symbol on screen, push again this button to

quit schedule mode. If not in shift mode, push this button to see big picture of channel 6. While inputting numbers, this button is used as number key of "6"

8. **ADD/7**: Add key, push this button to see big picture of channel 7. When in system setup menu, this is an increase button. While inputting numbers, this button is used as number key of "7".

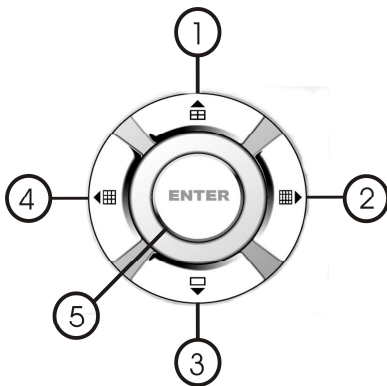
9. **DEC/8**: Decrease key, push this button to see big picture of channel 8. When in system setup menu, this is a decrease button. While inputting numbers, this button is used as number key of "8".

10. **SR/9**: Single frame rewind button, in shift mode, while in playback state, long press this button can see single frame rewind, press play button to play normally. If not in shift mode, push this button to see big picture of channel 8. While inputting numbers, this button is used as number key of "9".

11. **SF/0**: Single frame forward button, in shift mode, while in playback state, long press this button can see single frame forward, press play button to play normally. If not in shift mode, push this button to see big picture of channel 10. While inputting numbers, this button is used as number key of "0".

12. **Search/Menu**: push this button to enter search menu, please refer search play in user guideline for details. Long press this key to enter menu (need password), in menu setup, push this key to quit current menu.

### Channel Choosing Control Area



1. **Four picture/up**: Push this button to see full screen, re-push this button to see the next channel. While selecting menu items, push this button to move up the cursor.

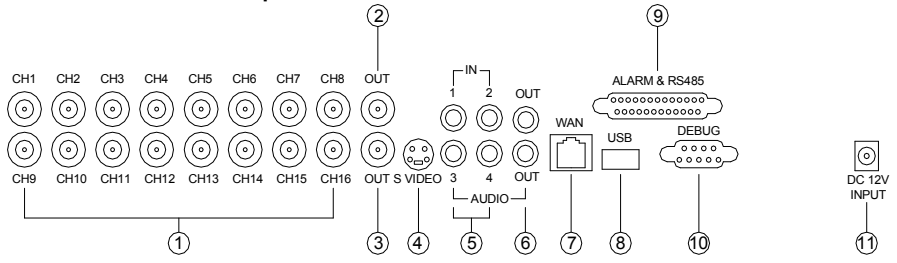
2. **Sixteen picture/right**: Push this button to see sixteen pictures display, re-push this button to see thirteen pictures. While selecting menu items, push this button to move the cursor rightward.

3. **Big pictures/down**: Push this button to see four pictures display, re-push this button will display next four pictures. While selecting menu items, push this button to move down the cursor.

4. **Nine pictures/left**: Push this button to see nine pictures display, re-push this button to see eight pictures. While select menu items, push this button to move the cursor left ward.

5. **Enter**: While selecting menu items, push this button to select the item. While playing video, push this button to pause the play, push play button to continue play.

### Rear Panel Function Description



1. video input 1-16
2. main output
3. assistant monitor
4. S-VIDEO
5. audio input
6. audio output
7. net interface
8. USB port
9. Alarm and RS485port define:

1-12: sensor 1-sensor 12; 13, 20, 24, 25: GND,  
14-17: sensor 13-sensor16, 18: RS485A 19:  
RS48521: COM 22: NC 23: NO

10. debug port
11. power

### Remote Control:



- 0 – 9, 10+:** Select the channel (Full screen)
- 2x2:** 2x2 Screen Mode
- 3x3:** 3x3 Screen Mode
- 4x4:** 4x4 Screen Mode
- USB:** USB Storage Backup
- AUTO:** Auto Sequence Mode
- ZOOM:** 2X Zoom
- FREEZE:** Freeze
- DISPLAY:** Hard Disk Information
- MENU/EXIT:** System Setup
- SEARCH:** Time Search, Event Search and Start Stop Search
- ENTER:** Enter Next Menu
- REC:** Record
- WM:** Watermark set
- PTZ:** Control Speed dome

**Safety precautions:**

To reduce risk of electric shock, this product should ONLY be opened by an authorized technician when service is required. Disconnect the product from mains and other equipment if a problem should occur. Do not expose the product to water or moisture.

**Warranty:**

No guarantee or liability can be accepted for any changes and modifications of the product or damage caused due to incorrect use of this product.

**General:**

Designs and specifications are subject to change without notice.

All logos brands and product names are trademarks or registered trademarks of their respective holders and are hereby recognized as such.

**Attention:**

This product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collections system for these products.

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