

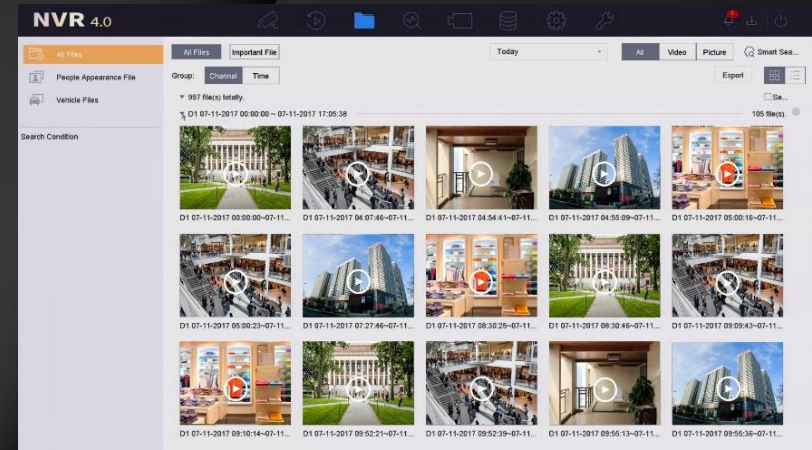
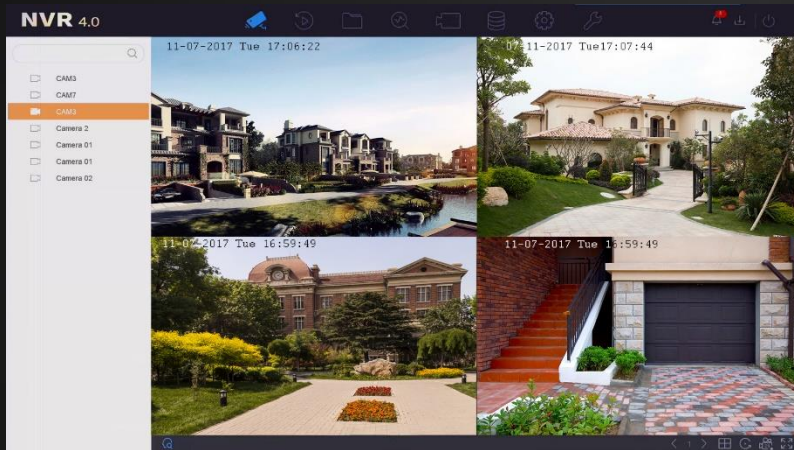


REDEFINE
NVR

WHAT'S
NEW



Brand New Design



「 NVR 4.0 New Flat Design, Graceful Composing

New color theme & concise icon, which refresh the visual experience 」

Harmonized User Experience

「 Faster Access Speed, Clearer Menu Structure, Simpler Interaction
Design, which brings you harmonized user experience 」



NVR 4.0 Startup





NVR 4.0 Startup(Only supported by Super NVR)





Pattern Login

The login interface features a dark blue background with a subtle grid and abstract geometric patterns. At the top center, there is a circular profile icon containing a white silhouette of a person's head and shoulders. Directly beneath this icon, the username "admin" is displayed in a white, sans-serif font. Below the username is a 3x3 grid of nine white-outlined circles, each with a small dark dot in its center, serving as a pattern lock. At the bottom of the interface, there are two text links: "Forget My Pattern" on the left and "Switch User" on the right, both in a small, white, sans-serif font.



Wizard

Wizard

1

2

3

4

5

6

Date and Time Setup

Network Setup

Hard Disk

Camera Setup

Platform Access

Change Password

Date and Time Setup

Time Zone

(GMT+08:00) Beijing, Urumc

Date Format

YYYY-MM-DD

System Date

2017-08-18

System Time

20:07:56

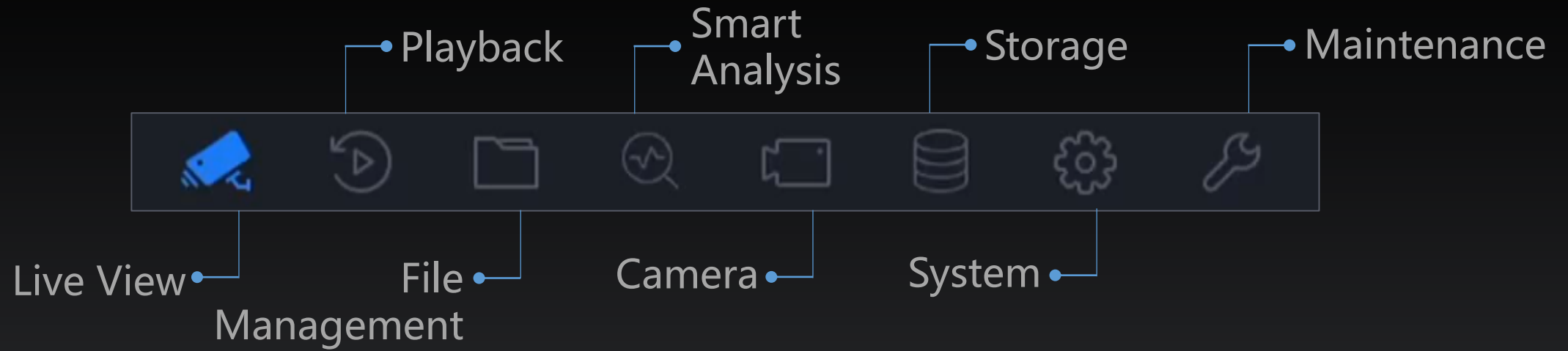
Previous

Next

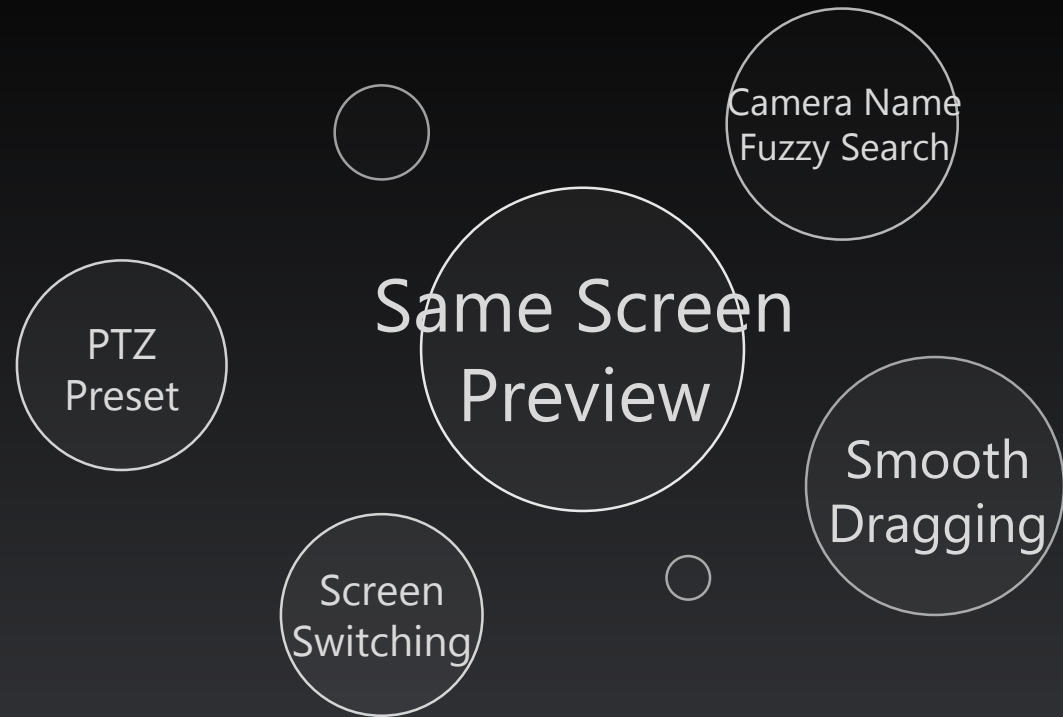
Exit

Concise · Icon

「 visual minimalism , best expression of function 」

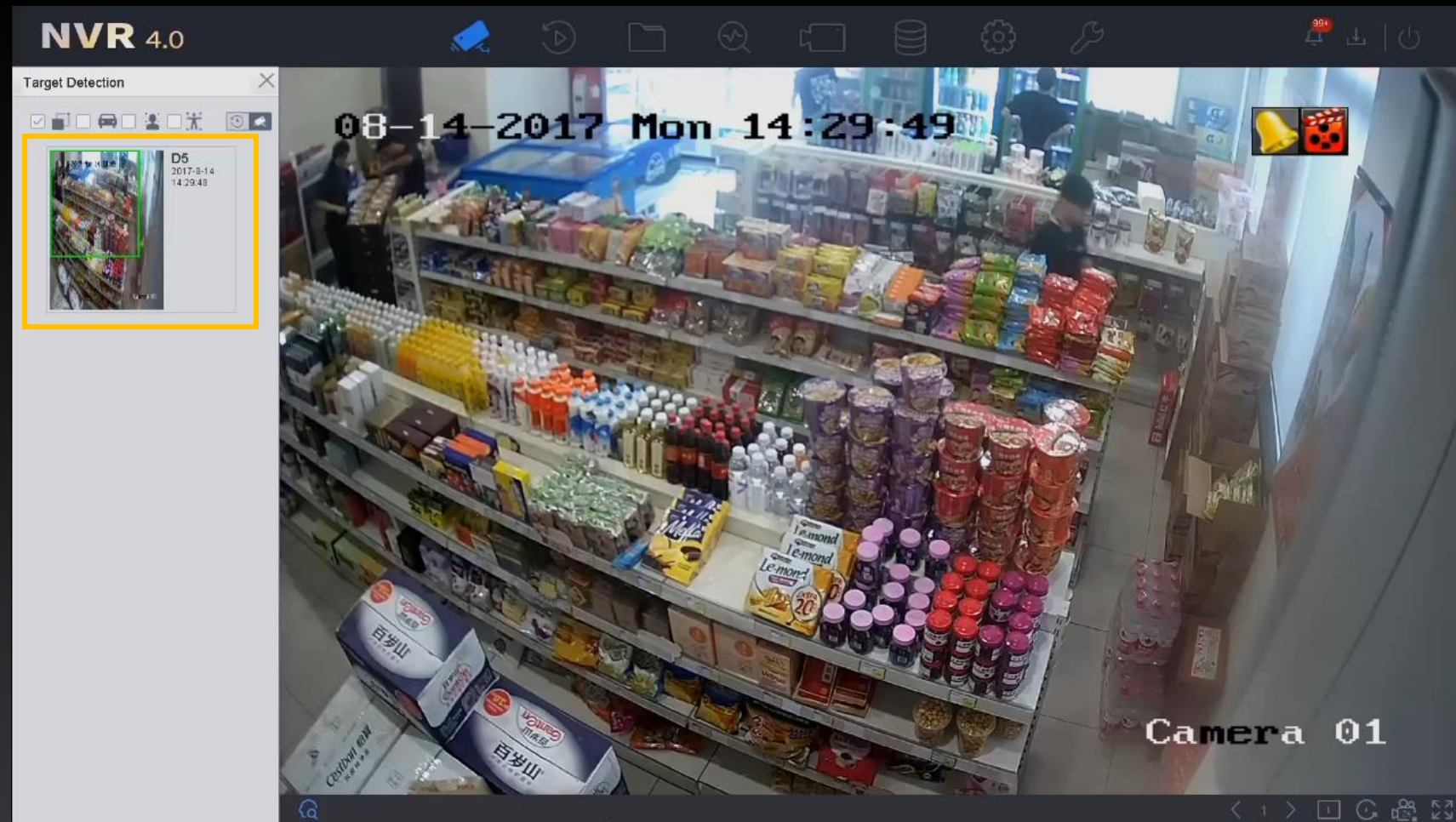


Live View.



Same Screen Preview

Support the real-time monitoring and moving targets monitoring in the same screen.



Smooth Dragging

Support smooth dragging
live-view channel from
one window to another.





Screen Switching



Choosing preview and double click the name of channel on the left list make it possible to change the position of screens.



NVR 4.0

08-08-2017 Tue 13:41:23

Camera 01
CAM4
CAM1
Camera 01
IPCamera 10

08-08-2017 Tue 13:41:23

CAM4 IPCamera 01

08-08-2017 Tue 13:42:30

Camera 01

HIKVISION

HIKVISION

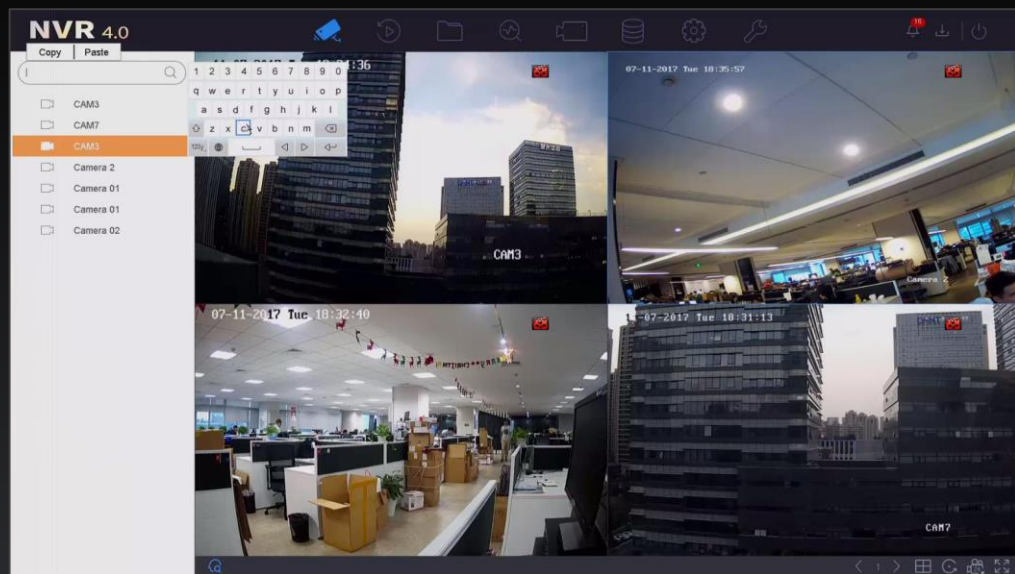
HIKVISION

< 1 > [Grid] [Refresh] [Full Screen] [Exit]

Preview



Preview Tree Fuzzy Search



Support fast positioning of camera by fuzzy retrieval in preview

Graphical Preset Configuration



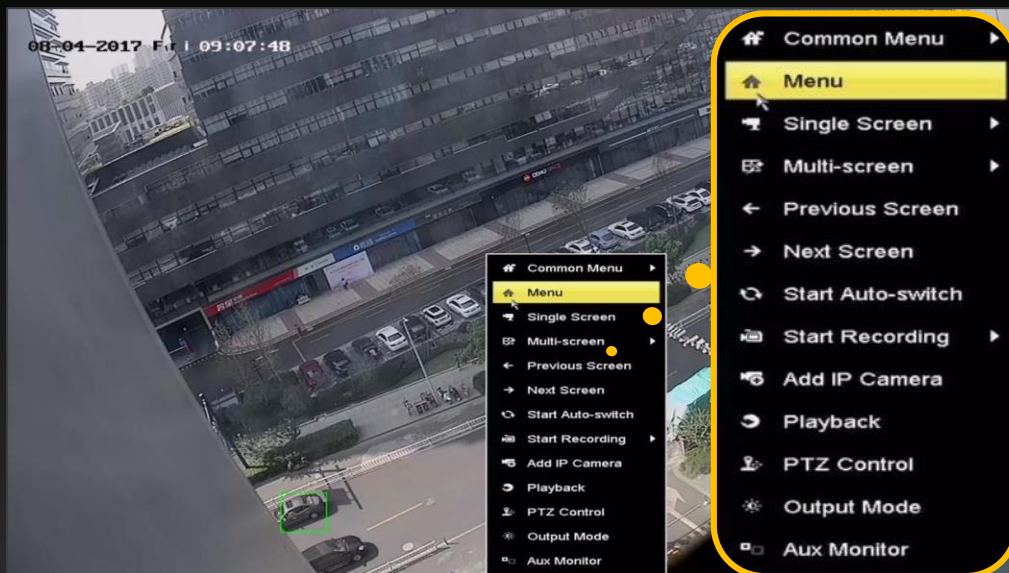
Support the save of preset configuration in thumbnail form



Preview Menu

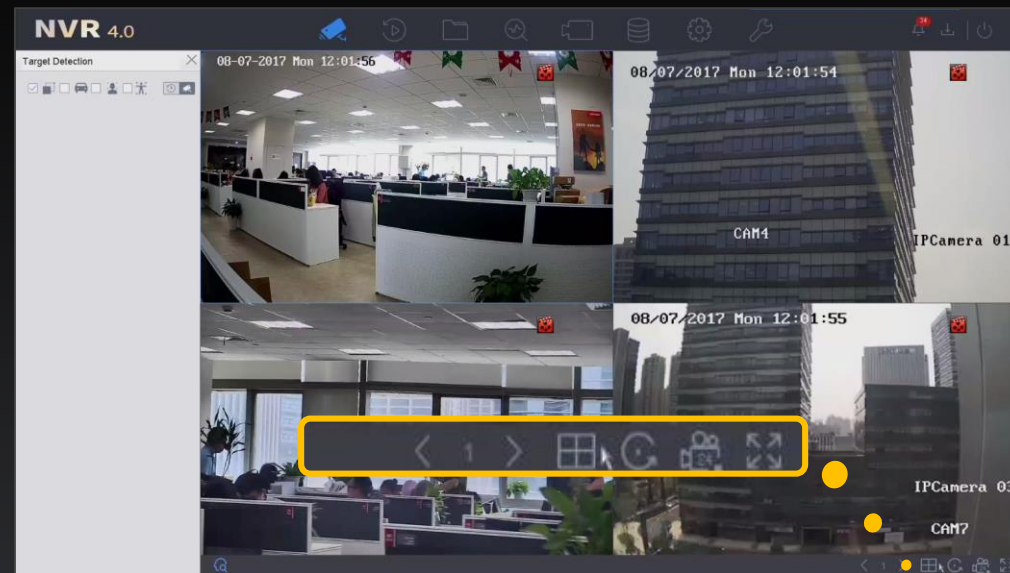


3.4.X Preview Screen



In old UI menu, you need to click right button to show the right menu

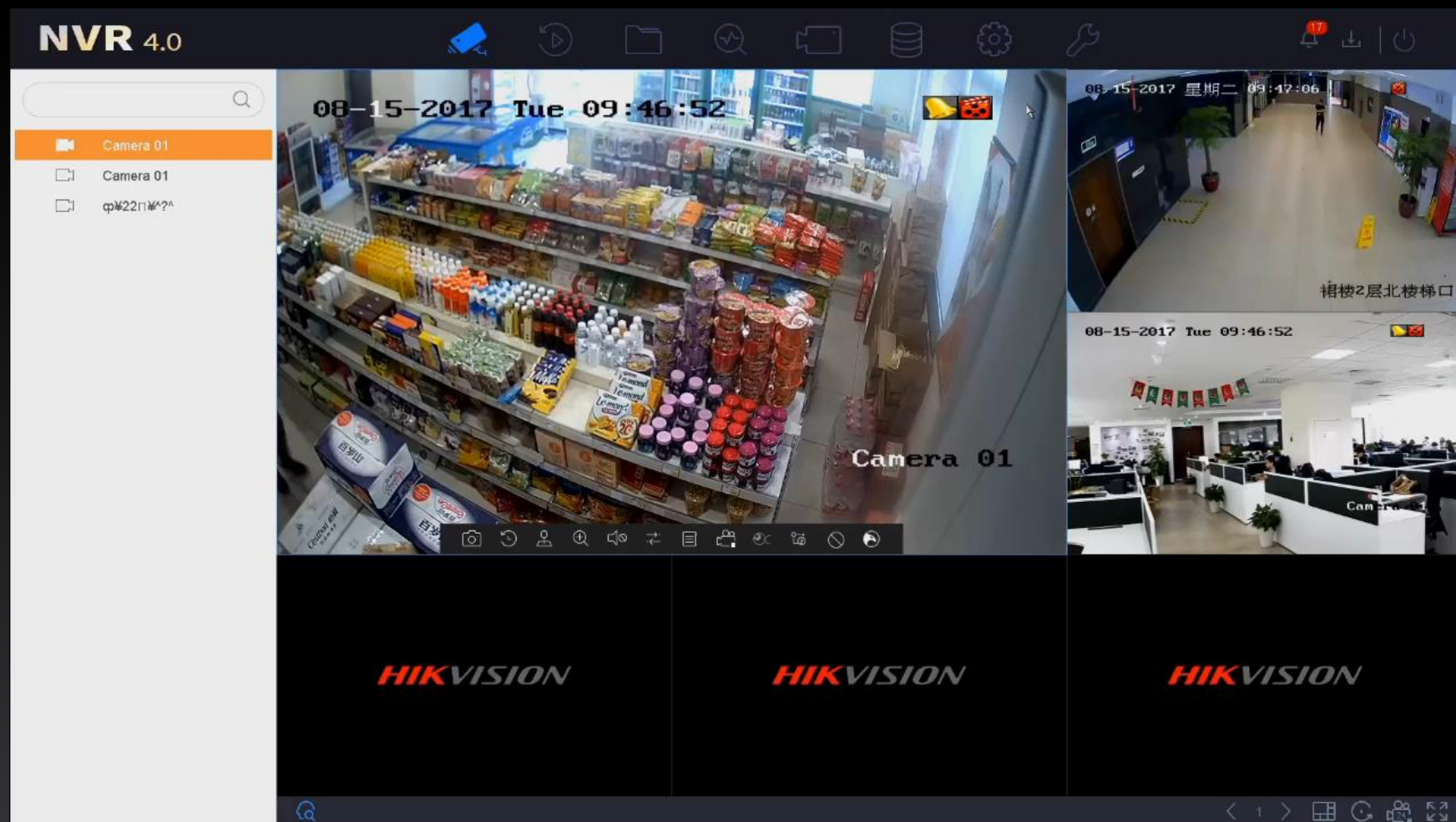
4.0 Preview Screen



In UI 4.0, the preview menu is fixed on the bottom of the screen

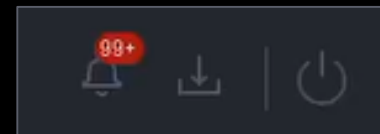
Local Live View Permission

Support the Administrator user to configure other users' permission for locally view live videos of the selected camera (s) .





Alarm



NVR 4.0

08-14-2017 Mon 14:12:02

Camera 01

Camera 01

IPCamera 10

Alarm Information

Exception Basic Event Smart Event

Set

Time to Alarm Alarm/Ex

07-15-2017 10:52:59	Motion C
07-15-2017 10:52:59	Motion C
07-15-2017 10:52:06	Motion C
07-15-2017 10:51:56	Motion C
07-15-2017 10:51:56	Motion C
07-15-2017 10:51:50	Motion C
07-15-2017 10:51:47	Motion C
07-15-2017 10:51:47	Motion C
07-15-2017 10:51:47	Motion C
07-15-2017 10:51:42	Motion C
07-15-2017 10:51:42	Motion C
07-15-2017 10:51:36	Motion C
07-15-2017 10:51:36	Motion Detection D5 10.6.33.230
07-15-2017 10:51:36	Motion Detection D4 10.6.33.227

Event Hint Settings

☒ All

☒ Alarm Input Triggered

☒ Video Tamper Detected

☒ Motion Detection

OK Cancel

Camera 01

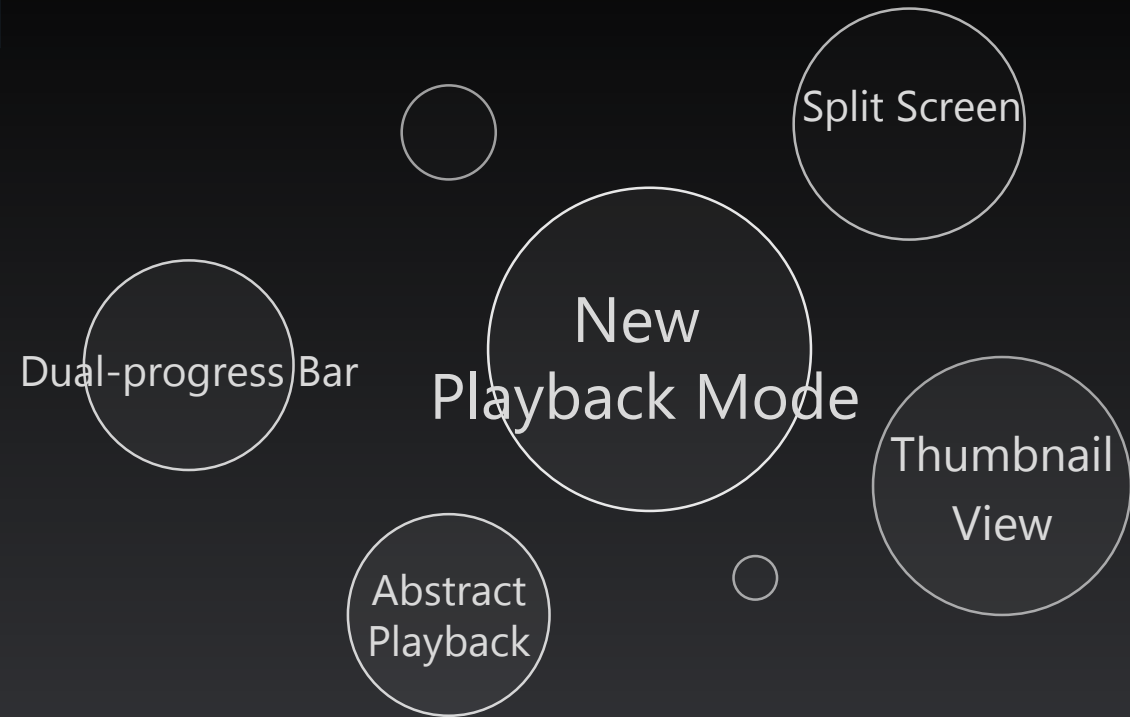
Contains alarm icon in the Main Menu.

Classifies alarm messages by regular , exception and VCA.





Playback



New Playback Mode

Support normal , important and customized playback modes.



Support play back important part :
Play the important or customize videos in the normal speed(default)
while played in a 8-time(default) speed for the normal videos.

NVR 4.0

Channel

Camera 01

prague card 01

tongdao2

Camera 01

IPCamera 06

IPCamera 07

IPCamera 08

IPCamera 09

IPCamera 10

Time

2017 Aug

S M T W T F S

1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19

20 21 22 23 24 25 26

27 28 29 30 31

Custom Search

08-15-2017 Tue 07:40:46

Camera 01

Normal Important Custom Tag 2017-08-15 07:40:45 12h

02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00

⏮ ⏪ ⏩ ⏭ ⏮ ⏪ ⏩ ⏭

Remote Multi-channel Playback



Support play back up to 16 channels in remote with speed of 1/4,1/2,1,2 and 4 times in local web interface.



HIKVISION

Live View **Playback** Picture Configuration

admin Help Logout

Network Video Recorder Channel No.: 4 **Status:**

- ☐ tongdao1
- ☐ camer2
- ☐ Camera 01
- ☐ tongdao2
- ☐ prague card 01
- ☐ CAM4

Aug 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Stream Type
Main Stream

Search

Set playback time
00 : 00 : 00

2017-08-17 17:27:29

12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

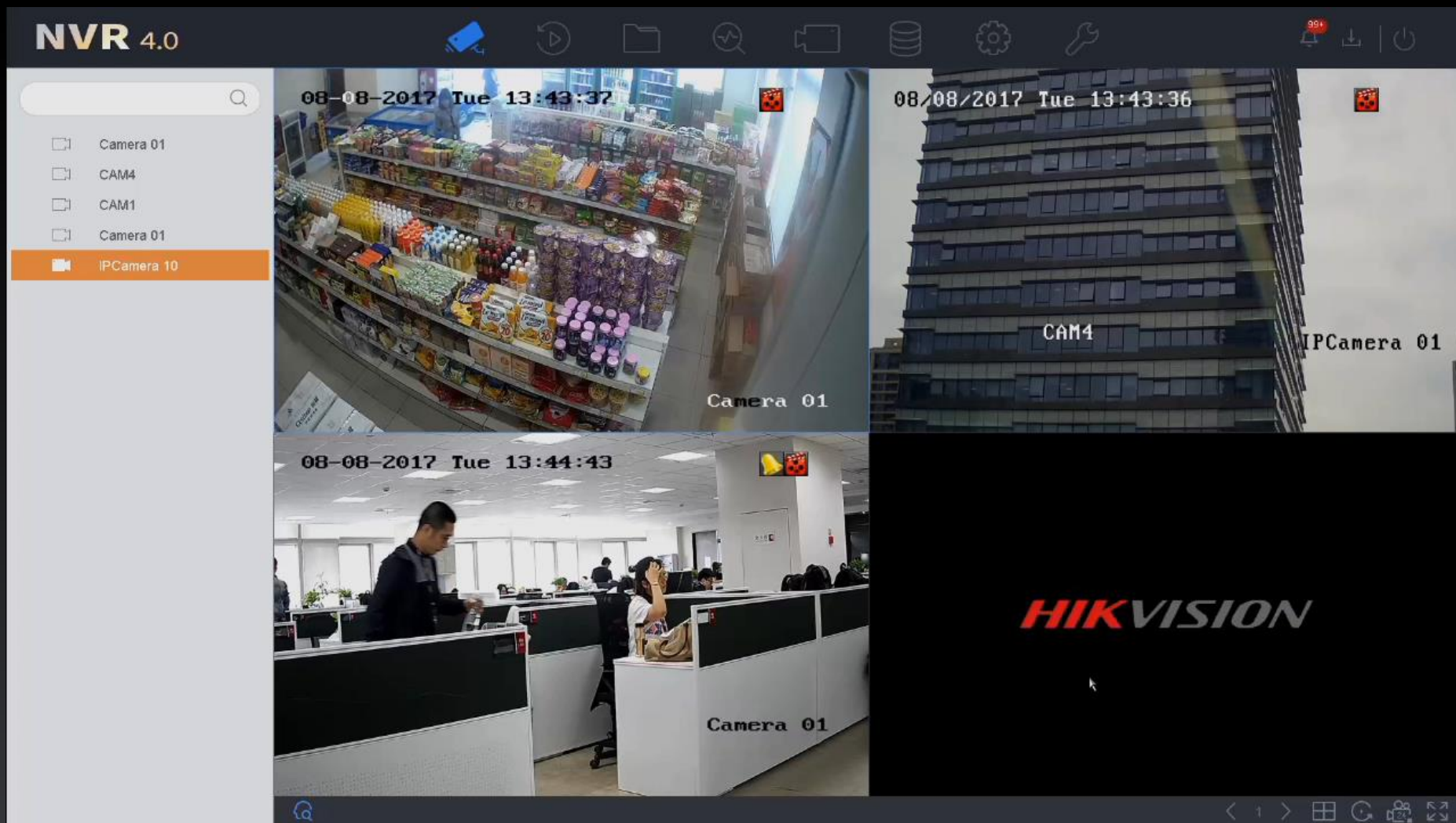
Command Continuous Alarm Manual

©2017 Hikvision Digital Technology Co., Ltd. All Rights Reserved.



Split Screen

From Preview interface to Playback, the number of split screens would remain to be same. And the playback videos can be displayed instantly.





Dual-progress Bar

Support dual-progress bars in Playback interface. The above one is to show the progress of the selected screen and the other one is to show the progress of all the selected channels.



NVR 4.0

Channel

☐ Camera 01

☐ IPCamera 02

☐ CAM4

☐ CAM1

☒ Camera 01

☐ IPCamera 06

☐ IPCamera 07

☐ IPCamera 08

☐ IPCamera 09

☐ IPCamera 10

Time

< 2017 Aug >

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Video Search

08-08-2017 Tue 11:36:45

Camera 01

Normal Important Custom Tag

2017-08-08 11:36:45

4 h

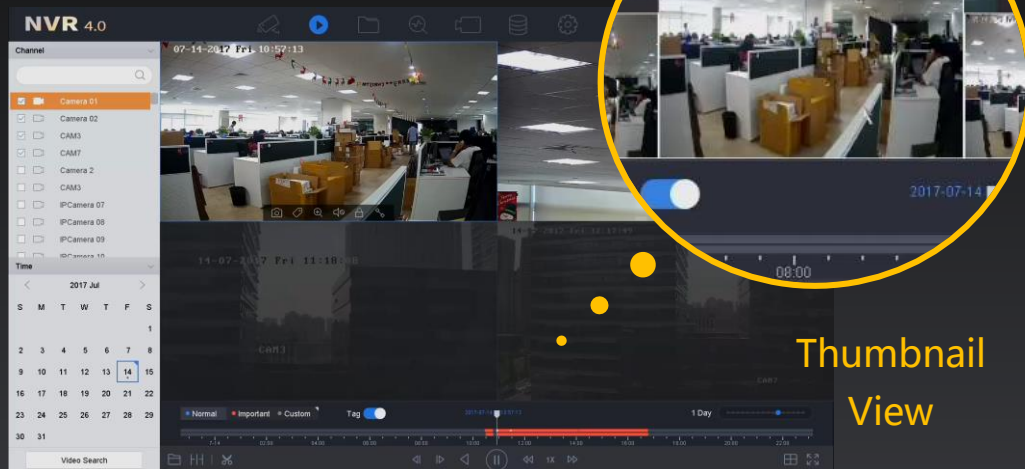
10:00 10:30 11:00 11:30 12:00 12:30 13:00 13:30

Playback Hint

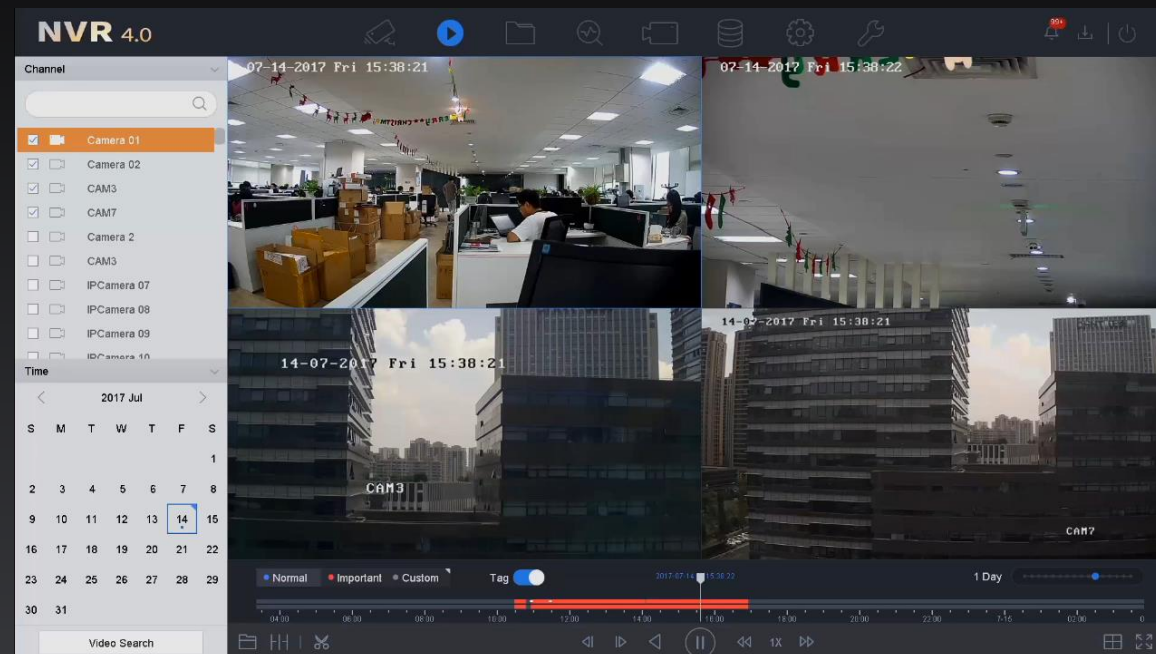


Label Hint

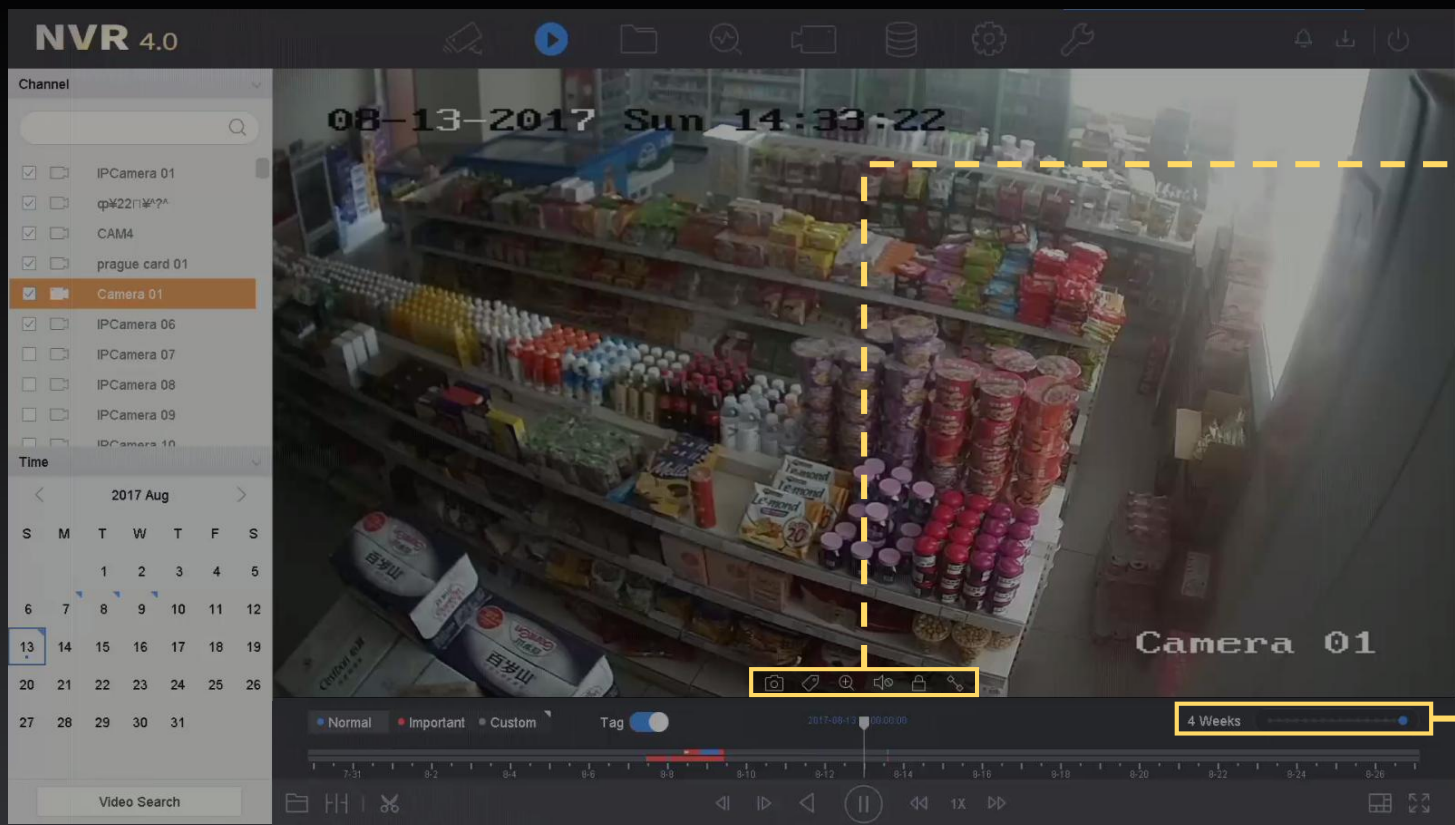
The search result of replay is displayed in a list view.
Support one-click playback.



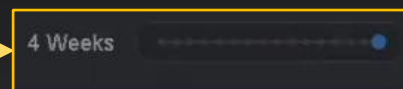
Thumbnail View



Playback Left Menu & New Time Scale



A menu in the playback screen, easy to operate.



From 5 mins to 4 weeks , the time span is wider, and the scale is more accurate.

Video Clip

Edit video clips by manually
choose periods or by
dragging progress bar ,
which is more convenient
and quicker.



NVR 4.0

Channel

07-14-2017 Fri 11:15:00

☒ Camera 01

☐ Camera 02

☐ CAM3

☐ CAM7

☐ Camera 2

☐ CAM3

☐ IPCamera 07

☐ IPCamera 08

☐ IPCamera 09

☐ IPCamera 10

Time

2017 Jul

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Video Search

Normal Important Custom Tag 2017-07-14 11:15:00 1 Day

7:14 02:00 04:00 06:00 08:00 10:00 12:00 14:00 16:00 18:00 20:00 22:00

⏮ ⏪ ⏩ ⏭ ⏮ ⏪ ⏩ ⏭

Video Synopsis



Multiple Targets Overlay

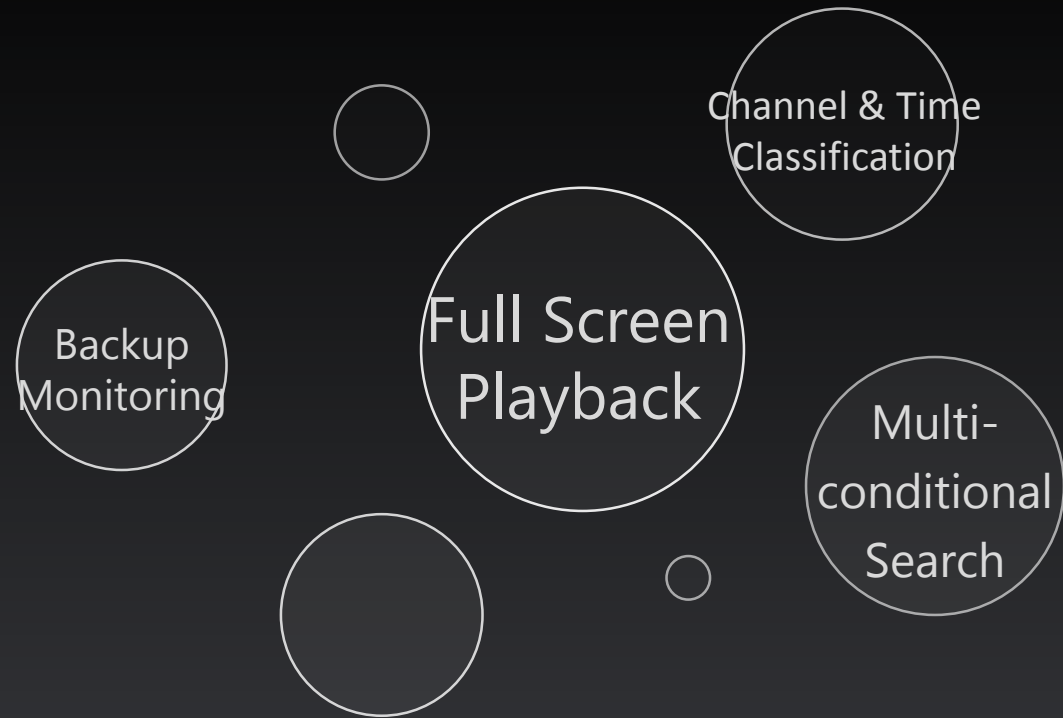
Same place , different time

Targets Blur Display

Avoid Human Body Overlapping

**Dynamic Abstract
Processing**

File Management





File Management



NVR 4.0

Navigation icons: camera, play, folder, search, video, database, settings, tools.

98+ notifications

All Files | Important File | Today | All | Video | Picture | Smart Sea...

Group: Channel | Time | 2319 file(s)

▼ D1 07-14-2017 10:30:07~07-14-2017 15:12:50 | 1943 file(s)

Search Condition

People Appearance File

Vehicle Files

Grid of video thumbnails showing a large hall with yellow chairs and white tables. Each thumbnail includes a timestamp.

Support search for videos and pictures by time or by channel.

Based on database search.

No limit of search result items.

Support multi-conditional combination search.



Full Screen Playback



NVR 4.0
















Icons: Camera, Play, Folder, Magnifying Glass, Video Camera, Database, Gear, Wrench

99+

All Files Important File Today All Video Picture Smart Sea...

Group: Channel Time 45 file(s) Sel... Export

▼ D1 08-14-2017 09:26:50~08-14-2017 17:18:22 45 file(s)

 D1 08-14-2017 09:26:50~10:29:57	 D1 08-14-2017 10:29:57~11:39:41	 D1 08-14-2017 11:39:41~11:52:22	 D1 08-14-2017 11:52:22~11:53:23	 D1 08-14-2017 11:54:26~11:56:32
 D1 08-14-2017 11:56:32~11:56:54	 D1 08-14-2017 11:56:54~11:57:09	 D1 08-14-2017 11:57:09~11:57:38	 D1 08-14-2017 11:57:38~11:58:29	 D1 08-14-2017 11:58:29~12:00:03
 D1 08-14-2017 12:00:03~12:00:10	 D1 08-14-2017 12:00:10~12:00:18	 D1 08-14-2017 12:00:18~12:00:26	 D1 08-14-2017 12:00:26~12:00:34	 D1 08-14-2017 12:00:34~12:00:42

Search Condition

Support full-screen playback
all video files.
Better user experience.





Backup Monitoring



NVR 4.0

Search Condition

All Files | People Appearance File | Plate Files

All Files | Important File | Today | All | Video | Picture | Smart Sea...

Group: Channel | Time

▼ 274 file(s) totally.

▶ D1 07-10-2017 08:52:42 ~ 07-10-2017 13:59:18 41 file(s).

▶ D2 07-10-2017 08:52:45 ~ 07-10-2017 13:59:23 30 file(s).

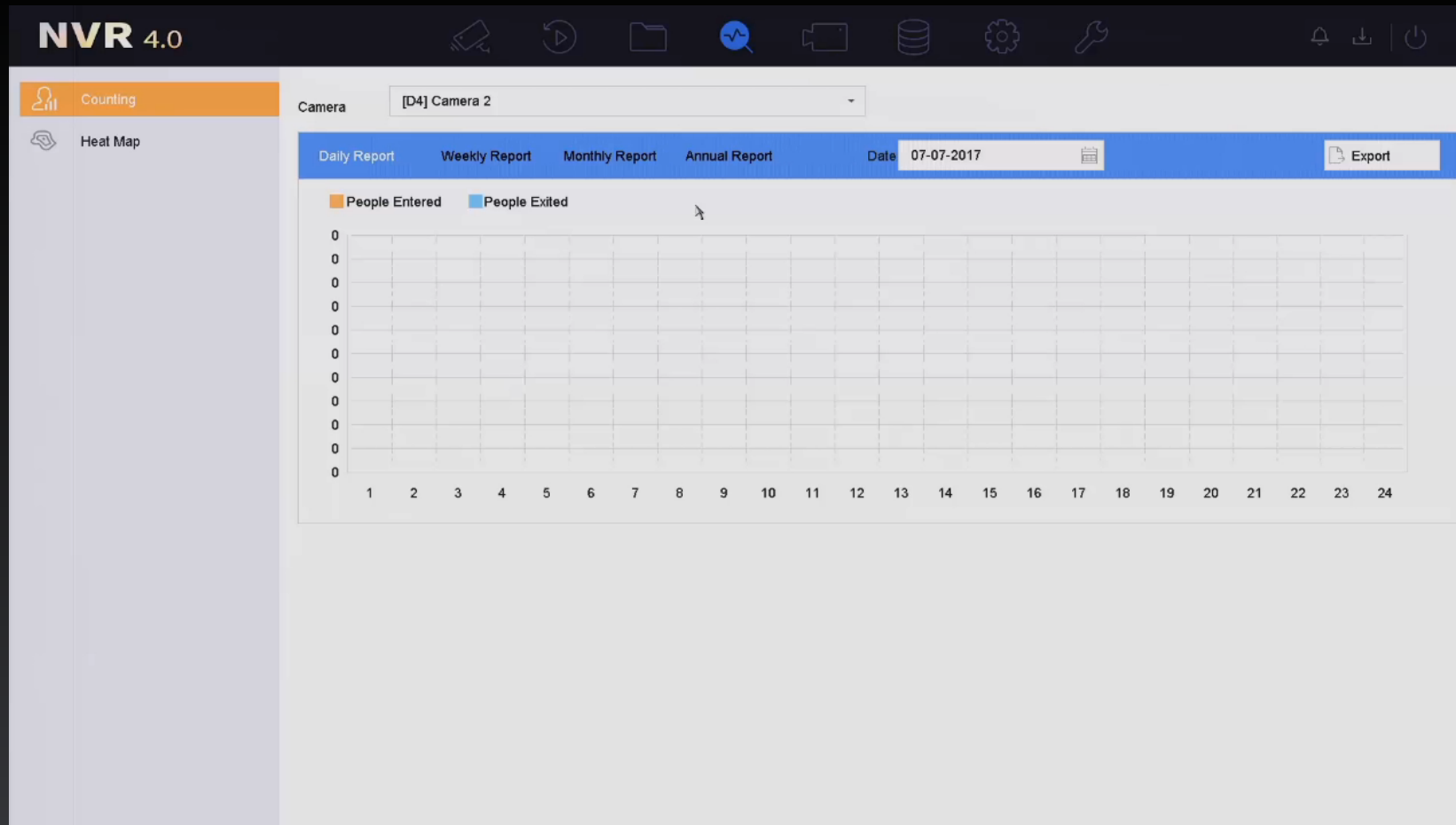
▶ D3 07-10-2017 08:52:38 ~ 07-10-2017 13:59:23 147 file(s).

Support monitoring video backup in the back-end, without waiting in current interface.

More efficient.



People Counting



Support the calculation of the number of people in and out in a certain configured area ,and give the analyzed reports daily/weekly/monthly/annually.



Heat Map



Support heat map function, to analyze the visit times and dwell time of customers in a configured area. Graphically present the most popular area and the less-popular area.

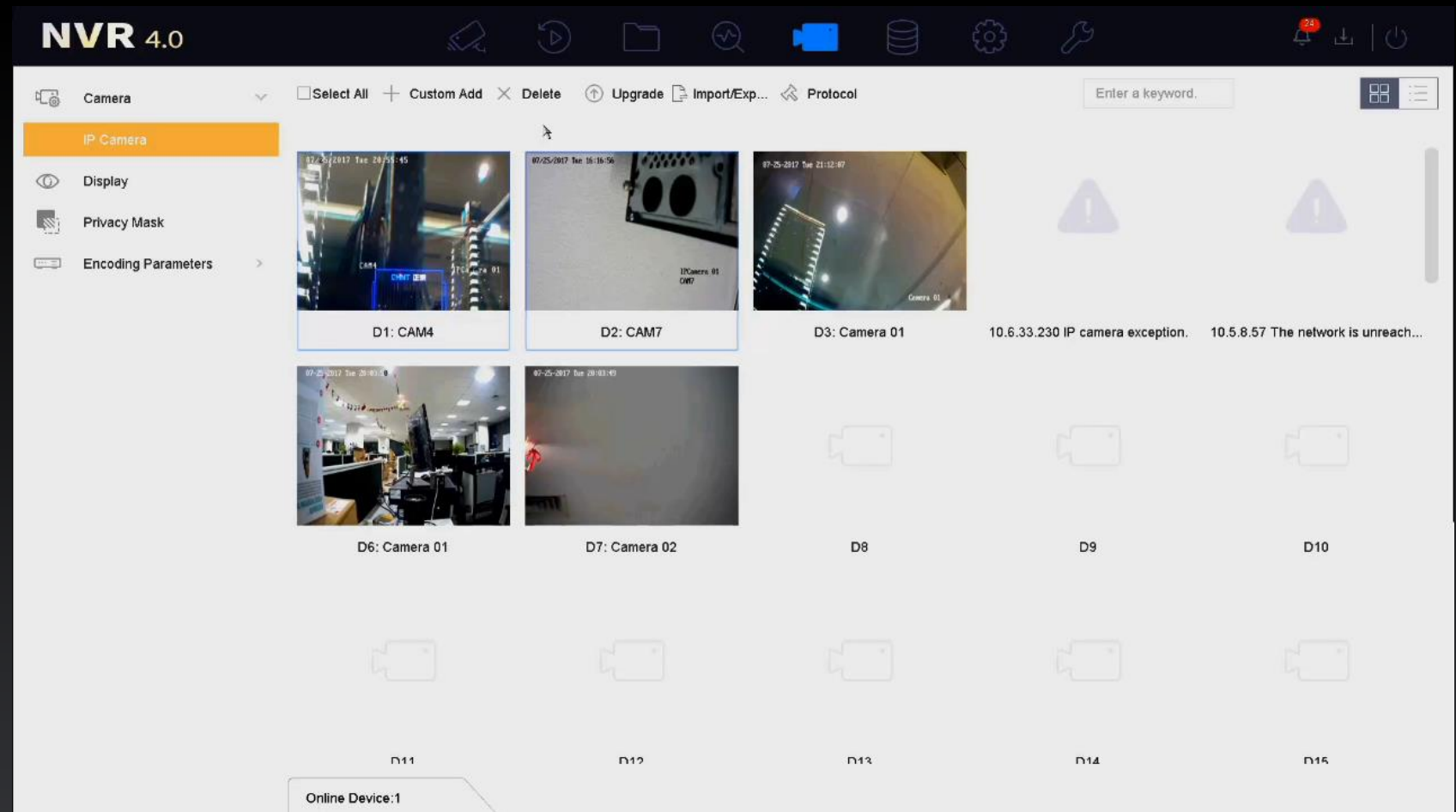
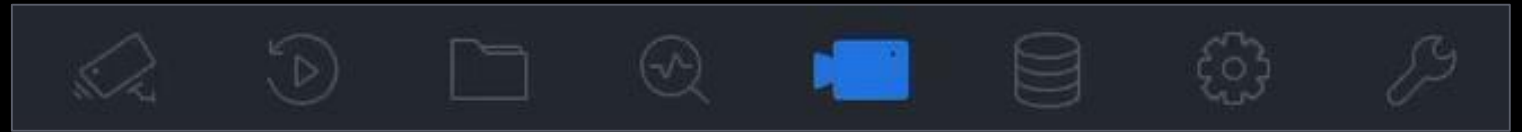


Camera

Intuitively display when devices added and adding IP Cameras is faster than before.

SADP and camera list can be operated simultaneously.

Support fuzzy retrieval according to added camera name.





Camera



SADP list shows in the bottom of the camera list .
One or more of them can be activated in the same time.



NVR 4.0

Camera | IP Camera | Display | Privacy Mask | Encoding Parameters

Select All + Custom Add X Delete Upgrade Import/Ex... Protocol More Settings Enter a keyword.

D1: tongdao1 D2: camer2 D3: Camera 01 D4: tongdao2 D5: prague card 01

D6: CAM4 D7 D8 D9 D10

D11 D12 D13 D14 D15

Online Device:7

Display



New image adjustments are added in Display such as Exposure, Day/Night Switch, Backlight and image Enhancement.



NVR 4.0

Camera [D4] Camera 01
Camera Name Camera 01

08-14-2017 Mon 21:20:05

Camera 01

Apply

OSD Settings

- ☒ Display Name
- ☒ Display Date
- ☒ Display Week
- Date Format MM-DD-YYYY
- Time For... 24-hour
- Display M... Non-Transparent & No
- OSD Font 16x16

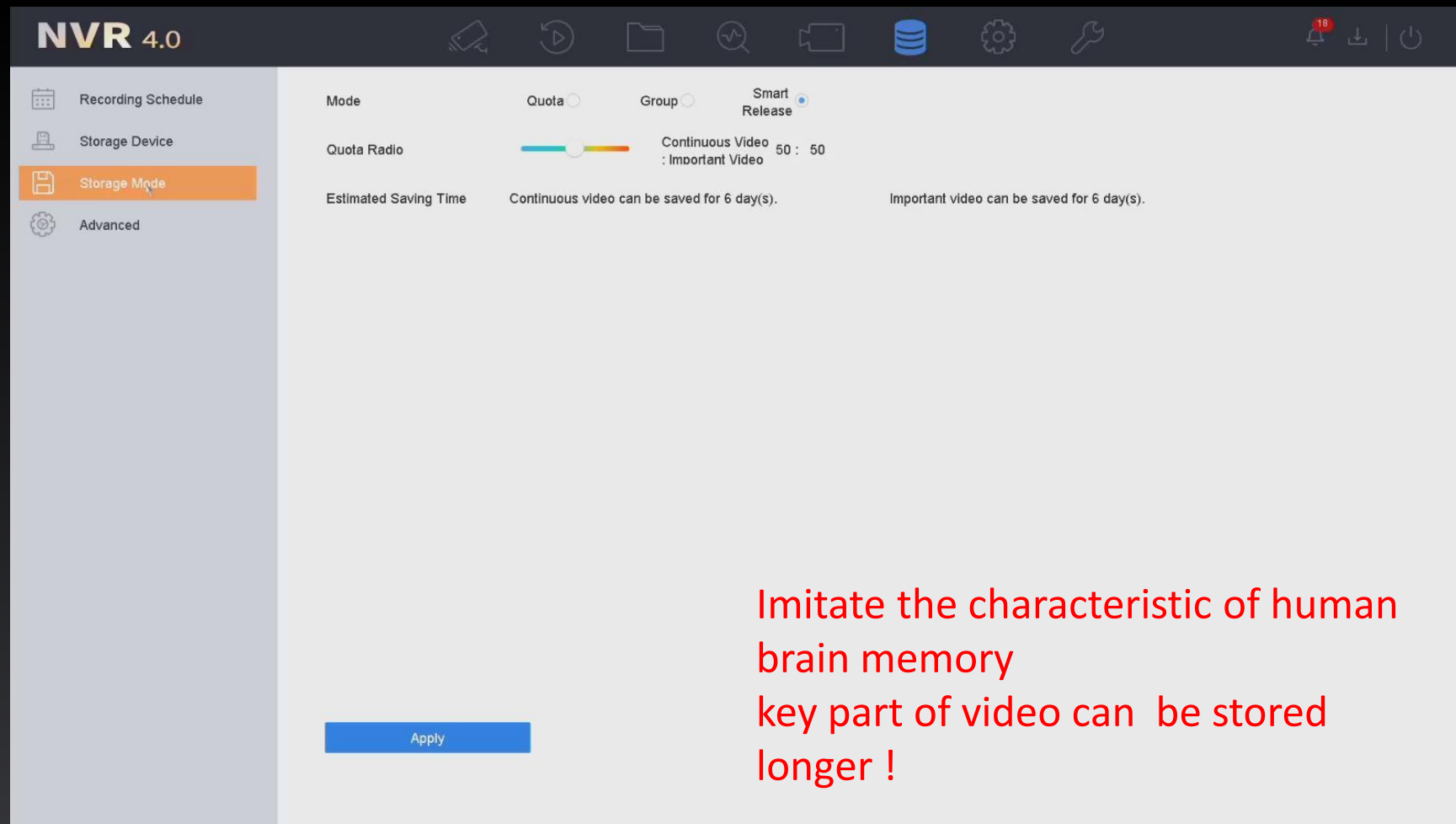
Image Settings

- Exposure
- Day/Night Switch
- Backlight
- Image Enhancement



Smart Data Release

Support full quota
allocation of normal video
and important video.
Only supported by **Super
NVR**.



The screenshot shows the NVR 4.0 interface for configuring Smart Data Release. The left sidebar contains a menu with 'Recording Schedule', 'Storage Device', 'Storage Mode' (highlighted), and 'Advanced'. The main panel has a top bar with icons for camera, play, folder, search, video, database, settings, and a wrench. Below the icons, the 'Mode' section shows three radio buttons: 'Quota', 'Group', and 'Smart Release' (selected). The 'Quota Radio' section features a slider set to 50, with 'Continuous Video' and 'Important Video' both at 50. The 'Estimated Saving Time' section states: 'Continuous video can be saved for 6 day(s). Important video can be saved for 6 day(s)'. An 'Apply' button is at the bottom.

Imitate the characteristic of human
brain memory
key part of video can be stored
longer !

Smart Data Release



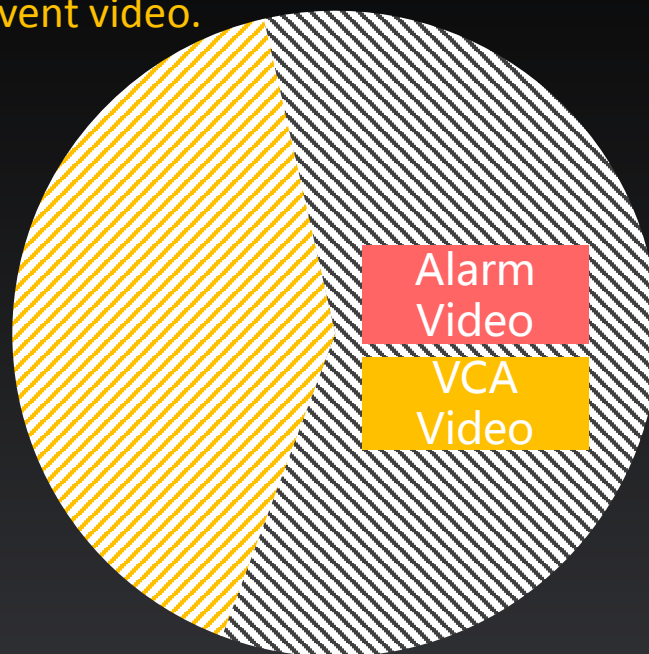
Step 1

Set the quota ratio for normal and event video.

Step 2

System will transfer event video.

Important Video



Normal Video

Normal Video

Alarm Video

VCA Video

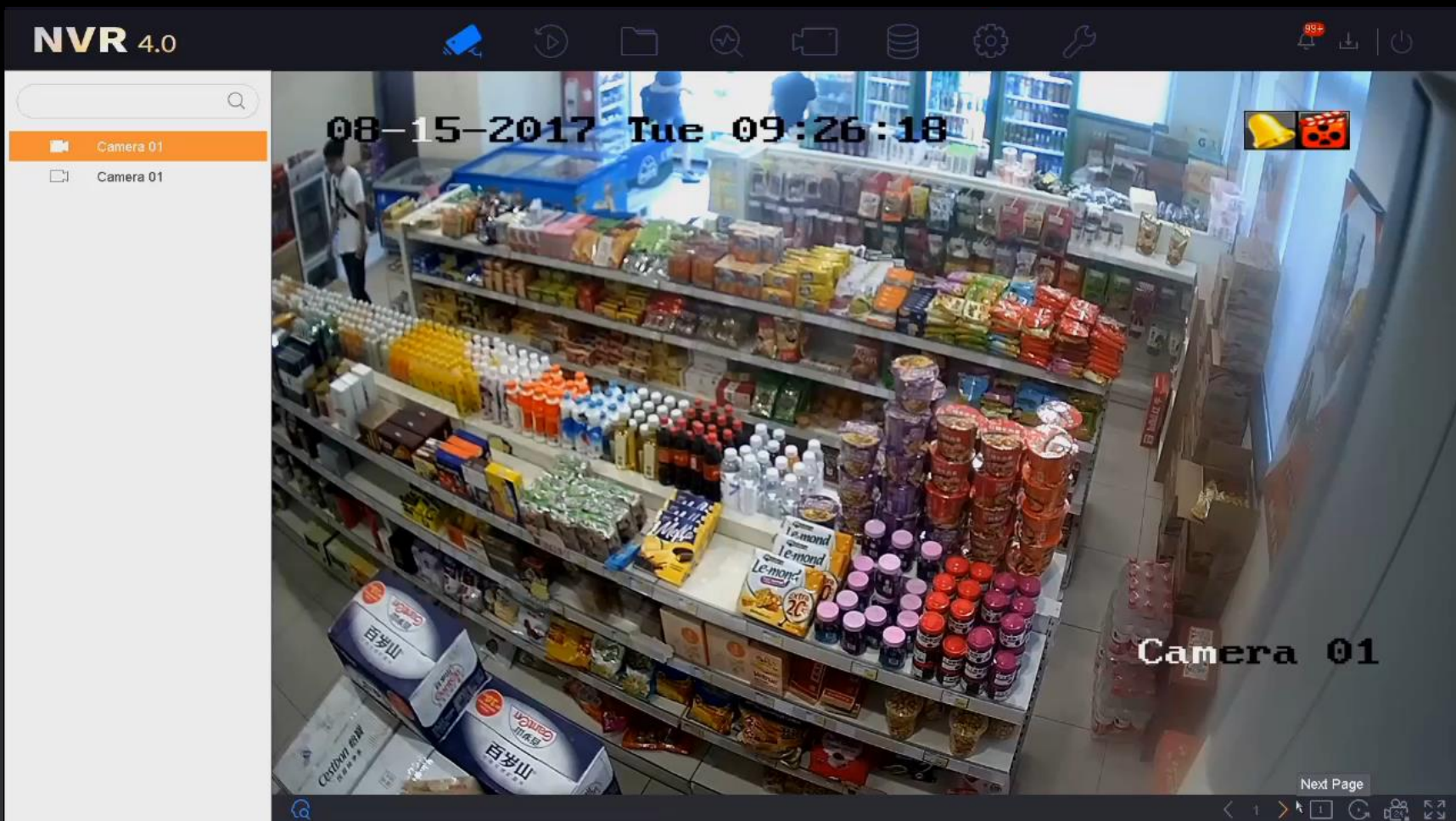
Step 3

Normal and important video each covered when HDD is full.



POS Solution

Connects surveillance video with transaction data from Point of Sale (POS). All scanned items can be displayed on live view, playback and used to trigger user-defined alarms.



Partners

NVR has been integrated with the following VMS manufacturers.



AXXON/ITV



Salient Systems



Digifort



Mirasys



For more Hikvision NVR features, please refer to the following document...



[ftp://hikftp.hikvision.com:400/Product File\(Overseas\)/00 Promotion Package/Promotion Package/NVR/\[Public\]NVR 4.0/](ftp://hikftp.hikvision.com:400/Product%20File(Overseas)/00%20Promotion%20Package/Promotion%20Package/NVR/[Public]NVR%204.0/)



Thank you !