How to use VCA search?

TAGS:

VCA, Video Content Analysis, behavior, human face, people counting, VCA search, VCA image, cross line detection, intrusion detection, vehicle, vehicle control event, license plate number, heat map

Answer:

VCA means Video Content Analysis. VCA search searches VCA data including behavior, human face, and people counting, vehicle and heat map.

Note: Only certain NVR models support this function.

Note: You need to select **Save VCA Images** under **Alarm > VCA** before using behavior search and face search functions.
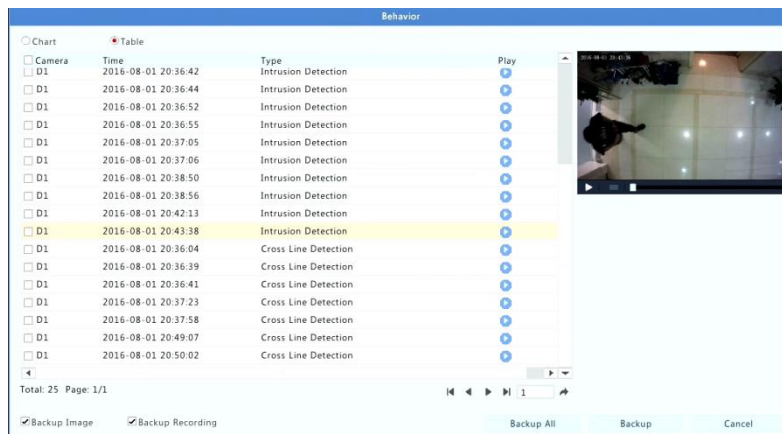
Catalog

Behavior Search

Use behavior search to search for recordings triggered by detected behaviors including cross line and intrusion.
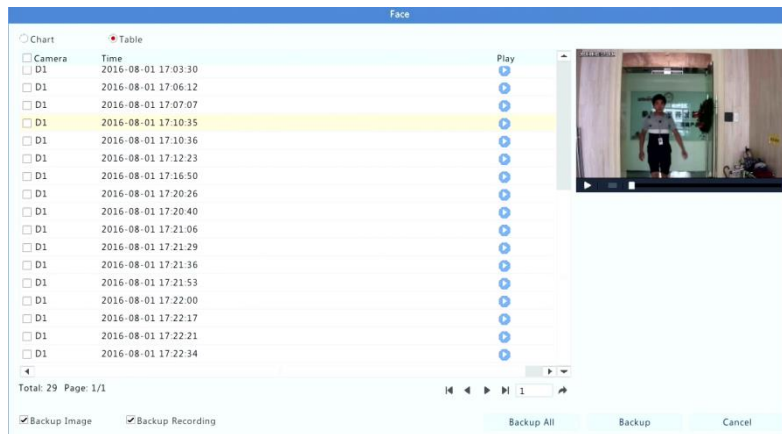
1.   Click **VCA Search** > **Behavior.**

2.   Select camera(s), set a search period, select a search type, and then click **Search**. Search results are displayed.

3.   View search results in a chart or table. Back up search results (including images and recordings) as needed. To view videos recorded when the behavior was detected (around 10 seconds before and after), click the play button. The following figure shows an example.

Face Search

Use face search to search for recordings triggered by detected faces.
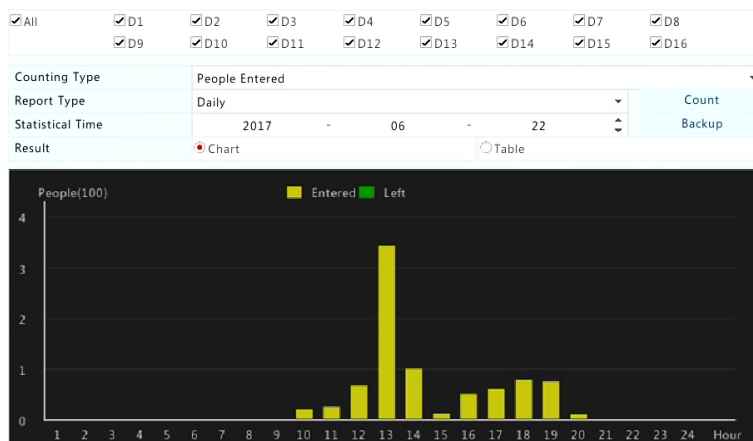1. Click **VCA Search** > **Face.**
2. Select camera(s), set a search period, select a search type, and then click **Search**. Search results are displayed.
3. View search results in a chart or table. Back up search results (including images and recordings) as needed. To view videos recorded when the face was detected (around 10 seconds before and after), click the play button. The following shows an example.

People Counting

Use people counting to count people entering and/or leaving an area during a specified period (day, week or year).
1. Click **VCA Search** > **Counting.**
2. Select the camera, counting type (people entered or left), report type (daily, weekly, monthly or yearly), set a time period, and then click **Count**. Search results are displayed. You may choose to display search results using a chart or table. When you click a bar, statistics of the selected camera(s) are displayed. The figure below shows an example.

3. 1. (Optional) To save the counting statistics to a connected USB storage device, click **Backup**.

Vehicle

Search vehicle snapshots based on vehicle control events.

1. Click **VCA Search** > **Vehicle.**

All	D1	D2	D3	D4	D5	D6	D7	D8
	D9	D10	D11	D12	D13	D14	D15	D16

Start Time	2018 - 06 - 07 00 : 00 : 00
End Time	2018 - 06 - 07 23 : 59 : 59
License Plate No.	
Vehicle Color	All
Plate Color	All

(Note: Use an asterisk (*) to represent one or more characters.)

Search   Exit

2. Select the camera, set the time range, license plate number, vehicle color, and plate number.
3. Click **Search**.
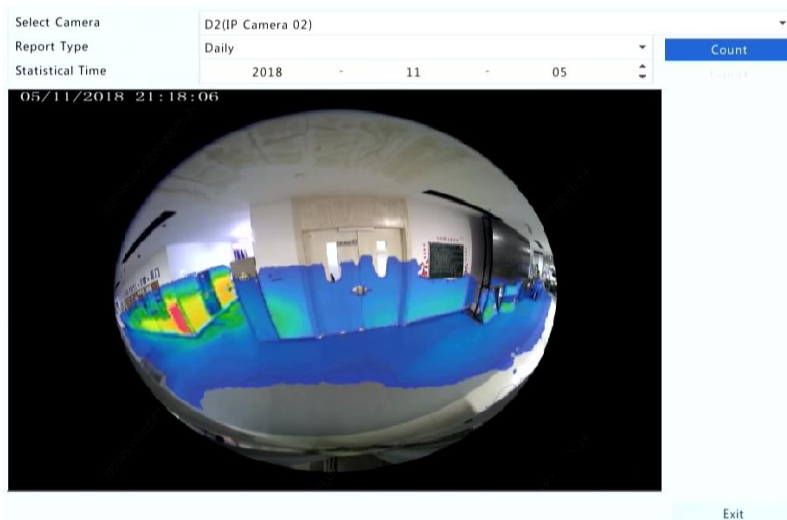
Note: Double click to zoom in on the snapshot.

Heat Map

Heat map is used to monitor passenger flow in specified area and to display the data in the form of an image by using warm-to-cool color spectrums. The warmer the color, the higher the density of the passenger flow.

1. Click **VCA Search** > **Heat Map.**

Select Camera	D2(IP Camera 02)
Report Type	Daily
Statistical Time	2018 - 11 - 05

Count

05/11/2018 21:18:06

Exit

2. Select the camera and the report type, then click **Count**.

Select Camera	D2(IP Camera 02)			▾	
Report Type	Daily			▾	Count
Statistical Time	2018	-	11	-	05

05/11/2018 21:18:06

Exit

3. Click **Backup** to export the counting statistics to a storage device.

Backup

| Partition | USB-sdb1 | | | ▾ | Refresh |
| Location | / | | | | |

Name	Size	Type	Modify Time	Delete
Previous Level		dir	2018-11-12 17:04:36	
Template.csv	50B	file	2018-11-05 21:29:45	🗑

| Free | 14599MB |
| Total | 14663MB |

| New Folder | | | Format | Backup | Cancel |