

4. Enter the username and password for the camera(s) and click **Import Selected**. The imported camera appears under the NVR on the right.
5. To delete a camera from an NVR, click .

## Export Device Info

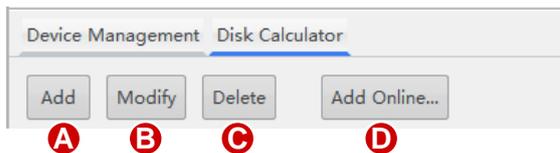
Export device info including device IP and model to a local directory.

1. Select device(s) and then click  on the toolbar (see [Toolbar](#)).
2. Specify the destination in the pop-up dialog box and then click **Save**.

# 2 Recording Space Calculation

Click **Disk Calculator** to calculate allowed recording time based on specified space or calculate required space for specified recording time.

## Toolbar



No.	Description
A	Add certain number of channels with specified video settings such as compression mode, resolution, frame rate and bit rate for space calculation. See <a href="#">Add Channels</a> .
B	Modify channel settings.
C	Delete channels from the list.
D	Add discovered devices for space calculation based on their actual video settings. See <a href="#">Add Online Devices</a> .

## Add Channels

Add channels with specified settings (such as compression mode, resolution, frame rate and bit rate) to the list for calculation.

1. Click **Add** on the toolbar (see [Toolbar](#)). A dialog box is displayed.

2. Enter the number of channels to add and complete other settings.
3. Click **Add Channel**. The entry is added to the list, including number of channels(device type) and the set resolution, frame rate, bit rate and total bandwidth.

All	Channels	Resolution	Frame Rate	Bit Rate	Total Bandwidth
<input checked="" type="checkbox"/>	3(IPC)	1080P	25 fps	4096 Kbps	12288 Kbps



#### NOTE!

- Total bandwidth = Bit Rate \* Channels. For example,  $4096 * 3 = 12288$ .
- To modify the settings, click **Modify** on the toolbar (see [Toolbar](#)). To delete a channel, select the channel and then click **Delete** on the toolbar.

## Add Online Devices

Select discovered devices (IPCs only) and add to the list for calculation. You need to log in first.

1. Click **Add Online** on the toolbar (see [Toolbar](#)). All the discovered devices are listed.
2. Use keywords to filter the list if necessary.
3. Select devices (IPCs only) and then click **Add Channels**.
4. To modify settings of an added device, select the device and then click **Modify** on the toolbar.

## Calculate Storage Space

### Calculate Recording Time Based on Disk Space

Calculate recording time allowed for the selected channels based on available disk space.

1. Click **Disk Space Given**.
2. Select disk space available under **Disk Space**; for example, 250GB.
3. Select daily recording hours under **Record Time Per Day**; for example, 24 hours, which means video is recorded all day long.
4. The software calculates the allowed recording time automatically; for example, 1 day.

The screenshot shows the 'Disk Calculator' window with the 'Disk Space Given' tab selected. The table on the left lists two channels: 3(IPC) at 1080P resolution and 1(IPC) at 2560\*1440 resolution. The right panel shows 'Disk Space' set to 250GB, 'Record Time Per Day' set to 24 hours, and 'Recording Time' calculated as 1 Day(s).

All	Channels	Resolution	Frame Rate	Bit Rate	Total Bandwidth
<input checked="" type="checkbox"/>	3(IPC)	1080P	25 fps	4096 Kbps	12288 Kbps
<input checked="" type="checkbox"/>	1(IPC)	2560*1440	25 fps	6144 Kbps	6144 Kbps

Calculate for Selected Channels

Disk Space Given | Recording Time Given

Disk Space: 250GB

Record Time Per Day: 24 Hour(s)

Recording Time: 1 Day(s)

## Calculate Disk Space Based on Recording Time

Calculate required disk space for selected channels based on the number of days to record and daily recording time (how much hours to record every day).

1. Click **Recording Time Given**.
2. Select days under **Recording Time**; for example, 15 days.
3. Set the daily recording hours under **Record Time Per Day**; for example, 24 hours, which means video is recorded all day long.
4. The software automatically calculates the required disk space; for example, 2848 GB.
5. Choose disk specifications under **Disk Space**; for example, 2 TB.
6. The software automatically calculates how many 2TB disks are needed, for example, 2.

The screenshot shows the 'Disk Calculator' window with the 'Recording Time Given' tab selected. The table on the left is the same as in the previous screenshot. The right panel shows 'Recording Time' set to 15 days, 'Record Time Per Day' set to 24 hours, and 'Disk Space' calculated as 2848 GB. Below this, four disk options are listed: 2 TB (1863GB), 4 TB (3725GB), 6 TB (5588GB), and 8 TB (7451GB). The 2 TB option is selected and circled in red.

All	Channels	Resolution	Frame Rate	Bit Rate	Total Bandwidth
<input checked="" type="checkbox"/>	3(IPC)	1080P	25 fps	4096 Kbps	12288 Kbps
<input checked="" type="checkbox"/>	1(IPC)	2560*1440	25 fps	6144 Kbps	6144 Kbps

Calculate for Selected Channels

Disk Space Given | Recording Time Given

Recording Time: 15 Day(s)

Record Time Per Day: 24 Hour(s)

Disk Space: 2848 GB

- 2 TB Available space 1863GB HDD\*2
- 4 TB Available space 3725GB HDD\*0
- 6 TB Available space 5588GB HDD\*0
- 8 TB Available space 7451GB HDD\*0

Note: Available space(GB) = Disk space(GB) \* (1000\*3) / (1024\*3)