



## **How to Use the Calculation Function of EZTools 3.0?**

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Product	SMB	Date	10/30/2023

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## Description

**Note:** This method is applicable to most of the scenarios. If the method still cannot solve your problem, it is recommended to consult our Tech Support Team.

[https://global.uniview.com/Support/Service\\_Hotline/](https://global.uniview.com/Support/Service_Hotline/)

### Video Guide:

[https://www.youtube.com/watch?v=SpgeViVPhWI&list=PLrBaKYrUJkiv\\_ShCVIqTeIAsOxyFEIjjR&index=4](https://www.youtube.com/watch?v=SpgeViVPhWI&list=PLrBaKYrUJkiv_ShCVIqTeIAsOxyFEIjjR&index=4)

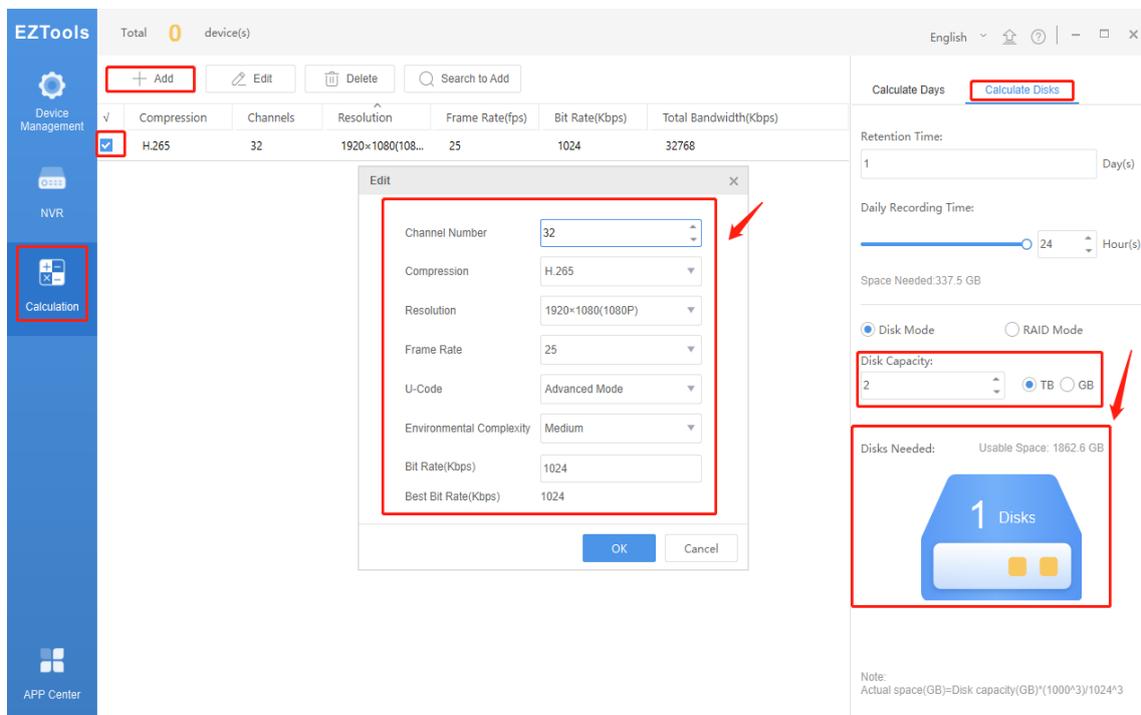
## Operating Steps

How to calculate **the HDD space you need for recording** if you have a certain period requirement for recording?

**Step 1** Open EZTools 3.0 and go to **Calculation**.

**Step 2** Add camera channels according to your camera's number and settings and set up the **Retention Time**, **Daily Recording Time**, **Disk Mode** and **Disk Capacity** under **Calculate Disks**.

**Step 3** Check the channels you added and then you will get the calculation result on the bottom right side of the EZTools under **Calculate Disks**.



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How to calculate **how long your current hard disks can save recordings** for?

**Step 1** All the operations are almost the same as the method above except that you need to set up the **Retention Time, Daily Recording Time, Disk Mode** and **Disk Capacity** under **Calculate Days**.

**Step 2** Check the channels you added and then you will get the calculation result on the bottom right side of the EZTools under **Calculate Days**.

The screenshot shows the EZTools interface with the following elements:

- Table:** A table with columns: Compression, Channels, Resolution, Frame Rate(fps), Bit Rate(Kbps), Total Bandwidth(Kbps). The first row shows: H.265, 32, 1920x1080(1080P), 25, 1024, 32768.
- Add Dialog:** A dialog box with fields for: Channel Number (32), Compression (H.265), Resolution (1920x1080(1080P)), Frame Rate (25), U-Code (Advanced Mode), Environmental Complexity (Medium), Bit Rate(Kbps) (1024), and Best Bit Rate(Kbps) (1024).
- Calculate Days Panel:**
  - Daily Recording Time: 24 Hour(s)
  - Space Needed: 337.5 GB
  - Disk Mode:  Disk Mode,  RAID Mode
  - Disk Capacity: 2 TB (selected),  GB
  - Usable Space: 1862.6 GB
  - Recording Time: 5 Days (highlighted with a red arrow)
- Note:** Actual space(GB)=Disk capacity(GB)/(1000^3)/1024^3