

How to calculate days/disks in RAID mode

Calculate how many days recordings can be saved based on the daily recording time (hours), configured RAID type (0/1/5/6), RAID disk capacity, and the number of disks available.

The screenshot shows the EZTools interface with the 'Calculation' tab selected in the left sidebar. The main table displays configuration details for a device:

✓	Compression	Channels	Resolution	Frame Rate(fps)	Bit Rate(Kbps)	Total Bandwidth(Kbps)
<input checked="" type="checkbox"/>	H.264	5	1920×1080(1080P)	25	4096	20480

Red arrows point from the 'Add' button, the 'H.264' checkbox, and the '25' frame rate to the 'Calculate Days' panel on the right. In this panel, 'RAID Mode' is selected, 'Disk Capacity' is 10 TB, 'RAID Type' is RAID 0, and 'RAID Disks' is 1. The 'Recording Time' is set to 24 hours. The 'Space Needed' is 210.9 GB. A calendar icon displays '43 Days'.

Calculate how many RAID disks are needed based on the daily recording period (hours), recording retention period (days), RAID disk capacity available, and configured RAID type.

The screenshot shows the EZTools interface with the 'Calculation' tab selected. The main table is identical to the first screenshot. The 'Calculate Disks' panel on the right is active. 'RAID Mode' is selected, 'Disk Capacity' is 2 TB, 'RAID Type' is RAID 0, and 'RAID Disks' is 1. The 'Retention Time' is 1 day, and 'Daily Recording' is 24 hours. The 'Space Needed' is 210.9 GB. A disk icon displays 'X 1'.