

SFByte | Video size planning chart

CALCULATED EXAMPLES - NOT DEVICE TEST RESULTS

Size in MB = seconds x (video Mbps + audio kbps / 1000) / 8

1 MB = 1,000,000 bytes. Container overhead is not included below.

Example	Minutes	Video Mbps	Size MB
10-minute 4K example	10	20	1,509.6
1-hour 1080p example	60	5	2,307.6
60-second 4K60 example	1	40	300.96
60-second 1080p60 example	1	8	60.96
60-second 1080p30 example	1	5	38.46

Every example above allocates 128 kbps to audio.

Resolution and FPS labels describe scenarios, not fixed camera bitrates.

Fit a 60-second video under an example 25 MB limit

10% chosen reserve: 22.5 MB media; video budget 2.872 Mbps.

The reserve is a planning allowance, not a guaranteed upload result.

How much recording fits in currently available space?

10 GB free, 10% reserve: about 0 h 59 min 37 sec.

64 GB free, 10% reserve: about 6 h 21 min 33 sec.

Capacity examples assume 20 Mbps video plus 128 kbps audio.

Verify the exported file

Keep the source. Check bytes, duration, orientation, picture and sound.

Export time and visual quality require actual testing; no results are implied.

Change the assumptions at sfbyte.com/tools/video-size-calculator/

Prepared October 3, 2026. Share this original chart with its assumptions intact.