

## Recording file sizes and duration

The following tables list the approximate recording file size based on the average video data rate and recording duration, and the approximate maximum recording duration given the average video data rate and available disk space.



**Note** Unless a specific recording duration limit was set in the record settings, your Monarch device limits the duration of each recording to 4 hours and 50 minutes. The recording will automatically stop when the duration limit is reached.

**Approximate file size**

Recording Duration	Average Video Data Rate (kb/s)				
	500	2000	5000	15 000	25000
5 min	18.8 MB	75 MB	188 MB	563 MB	938 MB
30 min	112.5 MB	450 MB	1.1 GB	3.4 GB	5.6 GB
60 min	225 MB	900 MB	2.3 GB	6.8 GB	11.3 GB
3 hrs	675 MB	2.7 GB	6.8 GB	20.3 GB	33.8GB
4 hrs 50 min	1.1 GB	4.5 GB	11.3 GB	33.8 GB	56.3 GB

**Approximate maximum recording duration**

Disk Space	Average Video Data Rate (kb/s)				
	500	2000	5000	15 000	25000
4 GB	17.8 hrs	4.4 hrs	107 min	36 min	21 min
16 GB	71.1 hrs	17.8 hrs	7.1 hrs	2.4 hrs	85 min
32 GB	142.2 hrs	35.6 hrs	14.2 hrs	4.7 hrs	2.8 hrs
64 GB	284.4 hrs	71.1 hrs	28.4 hrs	9.5 hrs	5.7 hrs
256 GB	1138 hrs	284.4 hrs	114 hrs	38 hrs	22.8 hrs
1 TB	4444.4 hrs	1111.1 hrs	444.4 hrs	148.1 hrs	89 hrs