



**Disk Storage Chart**

Image quality reference: 14K = VHS 18K = S-VHS 25K = S-VHS+  
 @ 300 lines @ 400 lines better than 400 lines



PPS	320GB			150GB			80GB			40GB		
	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity
30	4 days 19 hours	6 days 16 hours	8 days 13 hours	2 days 5 hours	3 days 2 hours	4 days 0 hours	1 day 4 hours	1 day 15 hours	2 days 2 hours	0 days 14 hours	0 days 19 hours	1 day 1 hour
17	8 days 11 hours	11 days 18 hours	15 days 3 hours	3 days 23 hours	5 days 12 hours	7 days 1 hour	2 days 2 hours	2 days 21 hours	3 days 17 hours	1 day 0 hours	1 day 10 hours	1 day 20 hours
16	9 days 0 hours	12 days 12 hours	16 days 2 hours	4 days 4 hours	5 days 20 hours	7 days 12 hours	2 days 5 hours	3 days 2 hours	3 days 23 hours	1 day 2 hours	1 day 12 hours	1 day 23 hours
15	9 days 14 hours	13 days 8 hours	17 days 3 hours	4 days 11 hours	6 days 5 hours	8 days 0 hours	2 days 9 hours	3 days 7 hours	4 days 5 hours	1 day 4 hours	1 day 15 hours	2 days 2 hours
14	10 days 7 hours	14 days 7 hours	18 days 9 hours	4 days 19 hours	6 days 16 hours	8 days 14 hours	2 days 13 hours	3 days 12 hours	4 days 13 hours	1 day 6 hours	1 day 17 hours	2 days 5 hours
13	11 days 2 hours	15 days 9 hours	19 days 19 hours	5 days 4 hours	7 days 4 hours	9 days 5 hours	2 days 17 hours	3 days 19 hours	4 days 21 hours	1 day 8 hours	1 day 21 hours	2 days 10 hours
12	12 days 0 hours	16 days 16 hours	21 days 10 hours	5 days 14 hours	7 days 19 hours	10 days 0 hours	2 days 23 hours	4 days 3 hours	5 days 7 hours	1 day 11 hours	2 days 0 hours	2 days 14 hours
11	13 days 2 hours	18 days 4 hours	23 days 9 hours	6 days 2 hours	8 days 12 hours	10 days 22 hours	3 days 5 hours	4 days 12 hours	5 days 19 hours	1 day 14 hours	2 days 5 hours	2 days 20 hours
10	14 days 10 hours	20 days 0 hours	25 days 17 hours	6 days 17 hours	9 days 8 hours	12 days 0 hours	3 days 13 hours	4 days 22 hours	6 days 8 hours	1 day 18 hours	2 days 10 hours	3 days 3 hours
9	16 days 0 hours	22 days 6 hours	28 days 14 hours	7 days 11 hours	10 days 9 hours	13 days 8 hours	3 days 23 hours	5 days 12 hours	7 days 1 hour	1 day 22 hours	2 days 17 hours	3 days 11 hours
8	18 days 0 hours	25 days 0 hours	32 days 4 hours	8 days 9 hours	11 days 16 hours	15 days 0 hours	4 days 11 hours	6 days 4 hours	7 days 23 hours	2 days 4 hours	3 days 1 hour	3 days 22 hours
7	20 days 14 hours	28 days 14 hours	36 days 18 hours	9 days 14 hours	13 days 8 hours	17 days 4 hours	5 days 2 hours	7 days 1 hour	9 days 2 hours	2 days 12 hours	3 days 11 hours	4 days 11 hours
6	24 days 0 hours	33 days 9 hours	42 days 21 hours	11 days 5 hours	15 days 14 hours	20 days 0 hours	5 days 22 hours	8 days 6 hours	10 days 14 hours	2 days 22 hours	4 days 1 hour	5 days 5 hours
5	28 days 20 hours	40 days 1 hour	51 days 11 hours	13 days 11 hours	18 days 16 hours	24 days 1 hour	7 days 3 hours	9 days 21 hours	12 days 17 hours	3 days 12 hours	4 days 21 hours	6 days 6 hours
4	36 days 1 hour	50 days 1 hour	64 days hours	16 days 19 hours	23 days 9 hours	30 days 1 hour	8 days 22 hours	12 days 9 hours	15 days 22 hours	4 days 9 hours	6 days 2 hours	7 days 20 hours
3	48 days 1 hour	66 days 18 hours	85 days 19 hours	22 days 10 hours	31 days 4 hours	40 days 1 hour	11 days 21 hours	16 days 12 hours	21 days 5 hours	5 days 20 hours	8 days 3 hours	10 days 11 hours
2	72 days 2 hours	100 days 3 hours	125 days 17 hours	33 days 15 hours	46 days 18 hours	60 days 2 hours	17 days 20 hours	24 days 18 hours	31 days 20 hours	8 days 19 hours	12 days 5 hours	15 days 17 hours
1	144 days 4 hours	200 days 6 hours	257 days 11 hours	67 days 7 hours	93 days 12 hours	120 days 5 hours	35 days 16 hours	49 days 13 hours	63 days 17 hours	17 days 14 hours	24 days 10 hours	31 days 10 hours

**Additional storage calculations**

PPS	320GB + (6) 375GB RAID = 2570GB			320GB + (3) 375GB RAID = 1445GB			320GB + (2) 375GB RAID = 1070GB			320GB + 375GB RAID = 695GB		
	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity
30	38 days 17 hours	53 days 18 hours	69 days 3 hours	21 days 18 hours	30 days 5 hours	38 days 20 hours	16 days 2 hours	22 days 8 hours	28 days 18 hours	10 days 10 hours	14 days 12 hours	18 days 16 hours
16	72 days 14 hours	100 days 19 hours	129 days 15 hours	40 days 19 hours	56 days 16 hours	72 days 20 hours	30 days 4 hours	41 days 22 hours	53 days 22 hours	19 days 14 hours	27 days 5 hours	35 days 0 hours
9	129 days 1 hour	179 days 5 hours	230 days 10 hours	72 days 12 hours	100 days 17 hours	129 days 12 hours	53 days 16 hours	74 days 13 hours	95 days 21 hours	34 days 20 hours	48 days 9 hours	62 days 5 hours

**Archive Storage Calculations**

PPS	250MB Iomega Zip			700MB Yamaha CD-R			2GB Iomega Jaz			20GB HP Digital Tape		
	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity	25K Capacity	18K Capacity	14K Capacity
30	5 minutes	7 minutes	9 minutes	14 minutes	20 minutes	26 minutes	43 minutes	1 hour	1 hour 17 min	6 hours 51 min	9 hours 30 min	12 hours 14 min
16	10 minutes	14 minutes	18 minutes	28 minutes	38 minutes	50 minutes	1 hour 21 min	1 hour 53 min	2 hours 25 min	12 hours 50 min	17 hours 50 min	22 hours 56 min
9	18 minutes	25 minutes	32 minutes	49 minutes	1 hour 9 min	1 hour 29 min	2 hours 24 min	3 hours 20 min	4 hours 18 min	22 hours 50 min	31 hours 43 min	40 hours 46 min

**Note: Chart displays values for continuous recording. Activity or Event recording will increase storage. Divide capacity by the average percentage of daily activity**  
 Example: Using a 150GB unit recording at 16PPS at VHS quality (14K) we get 7 days 12 hours of storage according to the chart. But if we estimate that the location has activity only 33% of the time, we divide the 7 days 12 hours by 33% and get an estimated recording capacity of 22 days 12 hours, or three times the original answer. In the same example, if we estimate that the location has activity 50% of the time, we divide 7 days 12 hours by 50% and get 15 days, or two times the original answer. If we estimate 25% activity, we divide 7 days 12 hours by 25% and get 30 days, or four times the original answer.

