



## *e*-Series DVR Storage Disk Calculation



The HDD Capacities and Recording lengths are determined by capacity of the installed HDD and selected image level

The following storage time is based on the average use for HDD space for single channel recording

Coding	Image Level	Resolution	Frames	Maximum data Flux	Average HDD space (hour)
CRB	1	352 * 288	30	128Kb/S	40 MB
	2	352 * 288	30	256Kb/S	80 MB
	3	352 * 288	30	384Kb/S	120 MB
	4	352 * 288	30	512Kb/S	160 MB
	5	352 * 288	30	768Kb/S	240 MB
	6	352 * 288	30	1 Mb/S	320 MB

Note: Adjustment frame rates, from 1 fs to 30 f/s can be selected. User can choose based on own needs.

**Using other than 30 f/s (Real time), HDD (Hard Disk) space can be greatly increased.**

Following are storage calculation guidelines (in the number of Days):

	Img Quality	30F/S	1 - ch	4 - ch	8 - ch
80 G	1(128kb/s)	128kb/s	61	15*	8
	2(256kb/s)	256kb/s	30	8	4
H.264(CBR)	3(384kb/s)	384kb/s	20	5	3
	4(512kb/s)	512kb/s	15	4	2
	5(768kb/s)	768kb/s	10	3	1
	6(1024kb/s)	1024kb/s	8	2	1

\*This reads that with a 80G harddisk, at CBR (constant bit rate) and Image Quality 1, DVR will be able to record 15 days for 4 camera inputs.

	Img Quality	30 F/S	1 - ch	4 - ch	8 - ch	1F/S	1 ch	4 -ch	8 -ch
80 G	1	116 kb/s	67	17	9	12.5kb/s	621	155	78
	2	160 kb/s	49	12	6	25 kb/s	312	78	39
H.264(VBR)	3	212kb/s	37	9	5	44kb/s	176	44	22
	4	330kb/s	24	6	3	50kb/s	156	39	20
	5	447kb/s	17	4	2	62kb/s	124	31	16
	6	825/kbs	9	2	1	88kb/s	88	22	11

	Img Quality	2F/S	1 - ch	4 - ch	8 ch	3F/S	1 - ch	4 - ch	8 - ch
80G	1	25kb/s	311	78	39	44kb/s	176	44	22
	2	44kb/s	176	44	22	45kb/s	172	43	21
H.264(VBR)	3	50kb/s	156	39	20	55kb/s	140	35	18
	4	63kb/s	124	31	15	84kb/s	92	23	11
	5	78kb/s	100	25	12	100kb/s	76	19	10
	6	92kb/s	84	21	10	122kb/s	64	16	8

	Img Quality	10F/S	1 - ch	4 - ch	8 ch	12F/S	1 - ch	4 - ch	8 - ch
80 G	1	71kb/s	108	27	14	80kb/s	96	24	12
	2	109kb/s	72	18	9	130kb/s	60	15	7
H.264 (VBR)	3	133kb/s	60	15	7	149kb/s	52	13	6
	4	175kb/s	44	11	6	210kb/s	36	9	5
	5	258kb/s	32	8	4	275kb/s	28	7	4
	6	443kb/s	16	4	2	525kb/s	16	4	2