

# Data Reference table

Please refer to the table below as an reference

- Bandwidth requirement
- Storage requirement



# Bandwidth Requirement

Bandwidth Requirement (bps)	Video Settings			Number of Channels					
	Resolution	Frame Rate		Bit Rate	4ch	9ch	16ch	32ch	64ch
		NTSC	PAL						
Bandwidth Requirement (bps)	D1	30	25	1.5 M	6.0 M	13.5 M	24.0 M	48.0 M	96.0 M
		15	12	750 K	3.0 M	6.8 M	12.0 M	24.0 M	48.0 M
		10	8	512 K	2.0 M	4.6 M	8.2 M	16.4 M	32.8 M
		5	5	256 K	1.0 M	2.3 M	4.1 M	8.2 M	16.4 M
		1	1	56 K	0.2 M	0.5 M	0.9 M	1.8 M	3.6 M
	CIF	30	25	750 K	3.0 M	6.8 M	12.0 M	24.0 M	48.0 M
		15	12	384 K	1.5 M	3.5 M	6.1 M	12.3 M	24.6 M
		10	8	256 K	1.0 M	2.3 M	4.1 M	8.2 M	16.4 M
		5	5	128 K	0.5 M	1.2 M	2.0 M	4.1 M	8.2 M
		1	1	28 K	0.1 M	0.3 M	0.4 M	0.9 M	1.8 M

# Recording Requirement

Recording Requirement	Video Settings			Time Frame					
	Resolution	Frame Rate		Bit Rate	1 sec	1 day	14 days	30 days	60 days
		NTSC	PAL						
D1		30	25	1.5 M	187.5 K	16.2 G	226.8 G	486.0 G	972.0 G
		15	12	750 K	93.8 K	8.1 G	113.5 G	243.1 G	486.3 G
		10	8	512 K	64.0 K	5.5 G	77.4 G	165.9 G	331.8 G
		5	5	256 K	32.0 K	2.8 G	38.7 G	82.9 G	165.9 G
		1	1	56 K	7.0 K	0.6 G	8.5 G	18.1 G	36.3 G
CIF		30	25	750 K	93.8 K	8.1 G	113.5 G	243.1 G	486.3 G
		15	12	384 K	48.0 K	4.1 G	58.1 G	124.4 G	248.8 G
		10	8	256 K	32.0 K	2.8 G	38.7 G	82.9 G	165.9 G
		5	5	128 K	16.0 K	1.4 G	19.4 G	41.5 G	82.9 G
		1	1	28 K	3.5 K	0.3 G	4.2 G	9.1 G	18.1 G