MDVR Storage Calculator

Download the calculator

N9M frame calculator body { font-size: 10pt; } table { border-right: 1px solid #9393FF; border-bottom: 1px solid #9393FF; max-width: 400px; } .title0 { padding: 4px; background: #E0E0E0; border-left: 1px solid #9393FF; border-top: 1px solid #9393FF; } .title1 { padding: 4px; border-left: 1px solid #9393FF; border-top: 1px solid #9393FF; }

Note: This webpage can be saved as a local HTML to run, no network environment is required.

.c{ display:inline; }

Conditions Frame 25 Storage capacity 4G ▼ Channel 4 Calculate

Default quality Normal 3 Alarm 2 Used for N9M based device

Resolution	Quality	1	2	3	4	5	6	7	8
	Bit rate	2048*1.3	1536*1.3	1280*1.3	1024*1.3	900*1.3	800*1.3	720*1.3	640*1.3
WD1 P 960*576 N 960*480	Data size(Per hour)								
	Storage time								
	Bit rate	1536*1.3	1280*1.3	1024*1.3	768*1.3	640*1.3	560*1.3	500*1.3	450*1.3
WHD1 P 960x288 N 960x240	Data size(Per hour)								
	Storage time								
	Bit rate	1024*1.3	768*1.3	640*1.3	512*1.3	440*1.3	350*1.3	312*1.3	280*1.3
WCIF P 480X288 N 480X240	Data size(Per hour)								
	Storage time								
	Bit rate	2048	1536	1280	1024	900	800	720	640
D1/VGA P 704*576 N 704*480	Data size(Per hour)								
	Storage time								
	Bit rate	1536	1280	1024	768	640	560	500	450
HD1 P 704*288 N 704*240	Data size(Per hour)								
	Storage time								
	Bit rate	1024	768	640	512	440	350	312	280
CIF P 352*288 N 352*240	Data size(Per hour)								
	Storage time								

QCIF/QVGA P□176*144 N□160*120	Bit rate	512	448	416	384	352	320	288	256
	Data size(Per hour)								
	Storage time								
720P 1280*720	Bit rate	6144	4800	4128	3456	2784	2112	1440	768
	Data size(Per hour)								
	Storage time								
1080P 1920*1080	Bit rate	8192	6390	5496	4602	3708	2814	1920	1024
	Data size(Per hour)								
	Storage time								

1□960 Bit rate is 1.3 times the standard (D1 HD1 CIF).
2□Bit rate calculation formula for frame extraction:
PAL□Achieve Bit rate=Actual frame / 25 * Full frame Bit rate * Conversion factor □Conversion factor□Frame(1-5):1.4 Frame(6-11):1.3 Frame(12-17):1.2 Frame(18-22):1.1 Frame(23-25):1.0□
NTSC□Achieve Bit rate=Actual frame Frame / 25 * Full frame Bit rate * Conversion factor □Conversion factor□Frame(1-6):1.4 Frame(7-14):1.3 Frame(15-21):1.2 Frame(22-27):1.1 Frame(28-30):1.0□