

Digital Video Recorders

How to calculate HDD
storage times



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Key Features

- Easy to use
- Simple to set up and install
- Easy to manage multiple systems with single remote control
- Very reliable
- Expandable internal storage
- Includes RMS software for easy management
- Integration with Joy Stick controllers
- Scalable to accommodate large applications
- 2 Year Warranty



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GSVR Series

- GSVR-410C 4 Channel 120FPS
- GSVR-610C 6 Channel 180FPS
- GSVR-810C 8 Channel 240FPS
- Up to 2 HDD (750GB each)
- Standard Seagate
- 160, 320, 500, 750 options available
- CDRW drive



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GQVR Series

- GQVR-6900CJ 9 Channel 240FPS
- GQVR-7900CJ 9 Channel 270FPS
- GQVR-6160CJ 16 Channel 240FPS
- GQVR-7060CJ 16 Channel 480FPS
- Up to 3 HDD (750GB each)
- 160, 320, 500, 750 options available
- DVD-RW Drive



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Key Options in Calculating Storage Time

- Compression
- Resolution
- Quality Setting
- Recording Rate - FPS



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Compression

- MPEG4
- How does it work?
- Full frame is taken at 100kb
- The following few frames only at 10k because it only records the changes
- Reduces Storage space and bandwidth



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Resolutions

- 4CIF 720x480 DVD Quality
- 2CIF 704x240
- CIF 352x240 VHS Quality



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Recording Rate – FPS

- Frames Per Second or IPS Images Per Second
- Motion Only Recording
- Movie Theatre is 24 FPS
- Front Door Cameras – 3 FPS
- Cash Drawers – 7 FPS
- General Shots – 5 FPS



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Storage Estimates

# of Cameras	FPS	Resolution	HD Capacity	Storage Time
4	7.5	medium	500GB	2 months
4	30	medium	1 TB	1 month
8	3	medium	500GB	2 months
8	15	medium	500GB	2 weeks
8	7.5	medium	1 TB	2 months
16	3	medium	750GB	2 months
16	7.5	medium	750GB	1 month
16	15	medium	1 TB	2 weeks



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DVR

- Demo RMS Software
- IP Address 70.99.121.125
- PW is 333333
- Demo online HDD calculator



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Closing

- Questions email to peter@gspamerica.com
- Or call 1-800-298-0470
- Gmail chat peterbriss@gmail.com
- LinkedIn address www.linkedin.com/in/peterbrissette



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