

## Seagate SV35 Series 750GB 3.5" SATA II 3.5" Serial ATA II

**Brand :** Seagate      **Product family:** SV35 Series      **Product code:** ST3750640SV

**Product name :** 750GB 3.5" SATA II

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The Seagate SV35 Series hard drive is the first drive specifically engineered and optimized for digital video recording in security and surveillance applications.



### Increased SDVR Performance

- Increased video data rates (480Mb/s) enable higher-performance video recording.
- Optimized to record multiple, simultaneous video streams.
- Engineered to maintain high video data integrity.

### Higher Reliability

- Designed for 24x7 operation and high write duty cycles.
- 1,000,000 hours MTBF in 24x7 video surveillance applications.
- Fewer moving parts.
- Lower power consumption.
- Reduced heat generation.

### Tailored for the Video Surveillance Industry

- Technical and marketing support infrastructure dedicated to video surveillance customers.
- Second-generation SDVR drive — evolving with emerging industry requirements.
- Advanced application design and technical advice available through Seagate Design Service Centers in U.S. and Singapore.

Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	750 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA II	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating altitude	-60.96 - 3048 m
Component for *	Surveillance system	Non-operating altitude	-60.96 - 12192 m
Storage drive buffer size	16 MB	Operating shock	63 G
Read seek time	17 ms	Non-operating shock	300 G
Write seek time	14 ms	<b>Weight &amp; dimensions</b>	
Bytes per sector	512	Width	101.6 mm
Start/stop cycles	50000	Height	26.1 mm
Mean time between failures (MTBF)	1000000 h	Depth	147 mm
Windows operating systems supported	✓	Weight	720 g
Linux operating systems supported	✓	<b>Other features</b>	
<b>Power</b>		Drive devices burst data transfer rate (PIO)	0-4
Operating voltage	5 / 12 V	Drive devices burst data transfer rate (Ultra DMA)	0-6

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