



## Seagate SV35 Series 500GB 3.5" Ultra ATA/100 3.5" Ultra-ATA/100

**Brand :** Seagate

**Product family:** SV35 Series

**Product code:** ST3500630AV

**Product name :** 500GB 3.5"  
Ultra ATA/100

500GB 3.5" Ultra ATA/100

[Seagate SV35 Series 500GB 3.5" Ultra ATA/100 3.5" Ultra-ATA/100:](#)

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 *	500 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Ultra-ATA/100	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		
Track to track seek time	1 ms		
Bytes per sector	512		
Start/stop cycles	50000		
Windows operating systems supported	✓		
Linux operating systems supported	✓		
Power		Weight & dimensions	
Operating voltage	5 / 12 V	Width	101.6 mm
		Height	26.1 mm
		Depth	147 mm
		Weight	635 g
		Other features	
		Drive devices burst data transfer rate (PIO)	0-4
		Drive devices burst data transfer rate (Ultra DMA)	0-6

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