



Features

- ImagePerfect™ AI firmware delivers zero dropped frames while supporting heavier workloads. Versatile capabilities intelligently adapt to the scale of your AI environment, supporting up to 64 HD video streams and 32 AI streams.
- Rest easy with three years of Rescue Data Recovery Services offering an industry-leading 90% success rate against unexpected data loss from power outages, natural disasters, user error, viruses, and more.
- SkyHawk Health Management actively helps protect your surveillance storage by focusing on prevention, intervention, and recovery options. Included RAID RapidRebuild™ provides 3× faster volume rebuilds.
- Higher reliability with 2M hours MTBF and a 550TB/year workload rate for more than 3× that of standard surveillance hard drives.
- Powerful processing to welcome workload challenges—SkyHawk AI supports video analysis and recording simultaneously with GPU analytics workloads.
- Enjoy consistent performance with built-in rotational vibration sensors providing reliable storage for NAS with little lag or downtime.
- Multi-bay support helps you meet your growing storage demands with up to 16+ bays.

The Seagate SkyHawk AI ST8000VE001 hard drive is 8 TB. This hard drive works well with NVRs or DVR to store all of your surveillance data. The SkyHawk AI drive provides advanced analytics and deep learning capabilities for edge applications, servers, and appliances.

This 3.5-inch hard drive guarantees dependable performance and data integrity. With a SATA III 6 GB/s interface, you can get and store footage quickly. The 256 MB cache boosts drive performance, making it a great choice for grueling surveillance environments.

The SkyHawk AI drive boasts a rotational speed of 7200 rpm, ensuring effortless and effective operation. This high-speed performance is essential for recording and retrieving footage in real-time, especially in critical situations. It can handle up to 64 HD camera streams, which is great for big surveillance systems with many cameras.

Drive mounting

Users can mount the drive in any orientation using four screws in the side-mounting holes or four screws in the bottom-mounting holes. for drive mounting dimensions. Follow these important mounting precautions when mounting the drive:

- Allow a minimum clearance of 0.030 in (0.76mm) around the entire perimeter of the drive for cooling.
- Use only 6-32 UNC mounting screws.
- The screws should be inserted no more than 0.140 in (3.56mm) into the bottom or side mounting holes.
- Do not overtighten the mounting screws (maximum torque: 6 in-lb).

