

PRODUCT MESSAGING

Smart. Safe. Secure. Seagate Surveillance-Optimised Storage

SkyHawk™ is built to keep systems in the field longer and reduce the need for post-deployment support. With 1 M hours MTBF and a 3-year limited warranty, the SkyHawk HDD delivers an improved total cost of ownership (TCO) with reduced maintenance costs. Plus, lower power consumption means a reduction in heat emissions, meaning consistent performance.

The SkyHawk HDD is a best-fit for the following applications with a workload rating of up to 180 TB/year:

- Network video recorders (NVR)
- Embedded surveillance DVRs (SDVR)
- Hybrid surveillance DVRs
- Surveillance DVRs

Why choose the SkyHawk™ HDD?

ImagePerfect™ firmware supports 24×7 surveillance-optimised workloads tuned to record ~90% of the time and play back video footage the remaining 10%, and supports more cameras recording at higher resolutions than traditional drives.

Workload rating of 180 TB/year allows SkyHawk to perform reliably in write-intensive surveillance systems $-3 \times$ the workload rating of a desktop-class drive.

Rotational Vibration (RV) sensors allow drives to maintain performance in RAID and multi-drive systems, giving customers the flexibility to grow with the booming NVR market and scale their systems when more storage is needed.²

Up to 10 TB or 10,000 hours of HD video storage supports an increased number of cameras and helps to ensure longer data retention periods are met.



SkyHawk surveillance drives are designed for always-on workloads of 180 TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

² Rotational Vibration (RV) sensors and tarnish-resistant components are offered standard on capacities of 4 TB or greater.





60-Word

Smart, safe and secure, Seagate® SkyHawk™ HDDs are engineered for 24×7 video recording. They feature 3× the workload rating of desktop drives and store up to 10,000 hours of video on capacities up to 10 TB. ImagePerfect™ firmware supports 24×7 surveillance-optimised workloads and Rotational Vibration (RV) sensors allow drives to maintain performance in RAID and multi-drive systems.

40-Word

Smart, safe and secure, Seagate® SkyHawk™ HDDs are engineered for 24×7 video recording. They feature 3x the workload rating of desktop drives and can store up to 10,000 hours of digital video on capacities up to 10 TB.

20-Word

Smart, safe and secure, Seagate® SkyHawk™ HDDs are engineered for 24×7 video recording with capacities up to 10 TB.

Product Specifications

Standard Models

ST10000VX00041

ST8000VX00221,2

ST6000VX00231,2

ST4000VX0071,2

ST3000VX010²

ST2000VX0082

ST1000VX0052

Capacity³

up to 10 TB

Spindle Speed

up to 7,200 RPM

Cache, Multisegmented

64 MB and 256 MB

Interfaces

SATA 6 Gb/s

Power, Idling

up to 7.6 W

Mean Time Between Failures (MTBF)

1 M hours

Workload Rate Limit (WRL)4

180/TB

Limited Warranty

3 years

seagate.com

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¹ Rotational Vibration (RV) sensors and tarnish-resistant components are offered standard on capacities of 4 TB or greater

² Coming Fall 2016. For immediate needs, please see Seagate Surveillance HDD.

³ One gigabyte, or GB equals one billion bytes; and one terabyte or TB, equals one trillion bytes when referring to drive capacity

⁴ SkyHawk surveillance drives are designed for always-on workloads of 180 TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.