



SKYHAWK  
SURVEILLANCE



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 24x7 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 — 3x the workload rating of a desktop-class drive.<sup>1</sup>

**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.<sup>2</sup>

**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.



<sup>1</sup> SkyHawk surveillance drives are designed for always-on workloads of 180 TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

<sup>2</sup> 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 24x7 video recording. They feature 3x the workload rating of desktop drives and store up to 10,000 hours of video on capacities up to 10 TB. ImagePerfect™ firmware supports 24x7 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 24x7 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 24x7 video recording with capacities up to 10 TB.

## Product Specifications

### Standard Models

ST10000VX0004<sup>1</sup>  
ST8000VX0022<sup>1,2</sup>  
ST6000VX0023<sup>1,2</sup>  
ST4000VX007<sup>1,2</sup>  
ST3000VX010<sup>2</sup>  
ST2000VX008<sup>2</sup>  
ST1000VX005<sup>2</sup>

### Capacity<sup>3</sup>

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)<sup>4</sup>

180/ TB

### Limited Warranty

3 years

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

<sup>2</sup> Coming Fall 2016. For immediate needs, please see Seagate Surveillance HDD.

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

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

seagate.com

AMERICAS Seagate Technology LLC 10200 South De Anza Boulevard, Cupertino, California 95014, United States, +1 408 658 1000  
ASIA/PACIFIC Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, +65 6485 3888  
EUROPE, MIDDLE EAST AND AFRICA Seagate Technology SAS 16-18 rue du Dôme, 92100 Boulogne-Billancourt, France, +33 1 41 86 10 00