



## 2TB Hard Drive

SEAGATE ST2000VX008

SKU: 14381

Seagate Hard Drive 2TB. The innovative ImagePerfect firmware enables smooth, clear video streaming for always-on, 24/7 surveillance environments helping to ensure your business can always have a formidable layer of protection.

### Be Safe with Seagate Hard Drive 2TB

Give yourself the ultimate peace of mind with SkyHawk surveillance drives and never miss a frame, even in harsh environments. SkyHawk's extreme workload rating, low power consumption and NVR ready design can improve long-term drive reliability. SkyHawk can also reliably perform in operating temperatures from 0°C to 70°C while tarnish-resistant components offer further protection out in the field.

Optimized for DVRs and NVRs, SkyHawk surveillance drives are tuned for 24x7 workloads in capacities up to 6TB. Equipped with enhanced ImagePerfect firmware, SkyHawk helps to minimize dropped frames and downtime with a workload rating 3x that of a desktop drive and IS ready to record up to 90% of the time while supporting up to 64 HD cameras.

### Features

- ImagePerfect firmware supports 24/7 surveillance-optimized 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 180TB/year allows SkyHawk to perform reliably in write-intensive surveillance systems 3x the workload rating of a desktop-class drive.<sup>1</sup>
- NVR-ready design allows 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.
- ATA streaming support sustains recordings from up to 64 HD cameras for smooth, uninterrupted footage.
- Up to 10TB or over 2000 hours of HD video storage supports an increased number of cameras and helps to ensure longer data retention periods are met.
- 1M hours MTBF, 3-year limited warranty represents an improved total cost of ownership (TCO) with reduced maintenance costs.
- Lower power consumption means a reduction in heat emissions, which improves reliability in surveillance solutions.
- Tarnish-resistant components help protect drive from environmental elements, increasing field reliability.

Specifications Interface SATA 6Gb/s Features and Performance Drive Bays Supported 1 to 8 Cameras Supported Up to 64 Max Sustained Transfer Rate OD (MB/s) 180 Cache (MB) 64 Reliability/Data Integrity Tarnish Resistant No Load/Unload Cycles 300,000 Nonrecoverable Read Errors Rate, Max 1 per 1 10E14 Power-On Hours per year 8760 Workload Rate Limit (WRL)<sup>2</sup> 180 Mean Time Between Failures (MTBF) (hours) 1M Warranty, Limited (years) 3 Power Management Startup Current, Typical (12V, A) 1.8 Average Operating Power (W) 5.6 Idle Average (W) 4 Standby Mode/Sleep Mode, Typical (W) 0.5/0.5 Voltage Tolerance (5V) ±5% Voltage Tolerance (12V) ±10% Environmental/Temperature Operating (ambient, min °C) 0 Operating (drive case, max °C)<sup>3</sup> 70 Nonoperating (ambient, min °C) -40 Physical Height (mm/in, max) 26.11/1.028 Width (mm/in, max) 101.85/4.01 Depth (mm/in, max) 146.99/5.787 Weight (g/lb, typical) 610/1.35 Carton Unit Quantity 20 Cartons per Pallet/Cartons per Layer 40/8