

Seagate SkyHawk Surveillance HDD ST6000VX001 (ST6000VX001)
 Seagate SkyHawk Surveillance HDD ST6000VX001 - Hard drive - 6 TB - internal - 3.5" - SATA
 6Gb/s - buffer: 256 MB



SkyHawk leverages Seagate's extensive experience in designing drives purpose-built for surveillance applications.

Key Selling Points

- ImagePerfect firmware is designed to ensure seamless video footage capture in 24x7 surveillance workloads that record video from 64 HD cameras
- SkyHawk Health Management actively helps protect your surveillance storage by focusing on prevention, intervention and recovery options
- NVR-ready design allows drives to maintain performance in multi-bay systems, giving customers the flexibility to scale their systems when more storage is needed
- ATA streaming support enables recordings from up to 64 HD cameras for smooth, uninterrupted footage
- 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

Main Specifications

Product Description	Seagate SkyHawk Surveillance HDD ST6000VX001 - hard drive - 6 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	6 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	256 MB
Features	Surveillance system compatible, ImagePerfect firmware
Dimensions (WxDxH)	101.85 mm x 146.99 mm x 26.11 mm
Weight	610 g
Manufacturer Warranty	3-year warranty

Extended Specification

General

Device Type	Hard drive - internal
Capacity	6 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	256 MB
Features	Surveillance system compatible, ImagePerfect firmware
Width	101.85 mm
Depth	146.99 mm
Height	26.11 mm

Weight 610 g

Performance

Drive Transfer Rate 600 MBps (external)

Internal Data Rate 180 MBps

Reliability

MTBF 1,000,000 hours

Non-Recoverable Errors 1 per 10^{14}

Load / Unload Cycles 300,000

Expansion &Connectivity

Interfaces 1 x SATA 6 Gb/s

Compatible Bay 3.5"

Power

Power Consumption 5 Watt (active)
3.4 Watt (idle)
0.25 Watt (sleep)
0.25 Watt (standby)

Manufacturer Warranty

Service &Support Limited warranty - 3 years

Environmental Parameters

Min Operating Temperature 0 °C

Max Operating Temperature 70 °C

Product data is provided by CNET,we do not warrant the accuracy and completeness of the material contained in this data sheet