

Smart. Safe. Secure.

SkyHawk™ AI 24TB is an advanced video-optimized drive designed for deep learning applications and NVRs enabled with AI for edge security applications. Its custom design provides enhanced caching, delivering low latency and strong random read performance. Supporting over 10,000 hours of video and analytics and boosting the heavy workloads of AI-enabled 24/7 surveillance systems, SkyHawk AI supports 3x the workload of standard surveillance drives. The drive includes SkyHawk Health Management and in-house Rescue Data Recovery Services.

- **ImagePerfect AI:** Delivers zero dropped frames while supporting heavier workloads
- **Versatile Capabilities:** Intelligently adapts to the scale of your AI environment, supporting up to 64 HD video streams and 32 AI streams
- **SkyHawk Health Management:** Actively helps protect your surveillance storage by focusing on prevention, intervention, and recovery options. Includes RAID RapidRebuild—providing 3x faster volume rebuilds over traditional RAID rebuilds
- **Higher Reliability:** Enterprise-class, with 2M hours MTBF and a 550TB/year workload rate for more than 3x that of standard surveillance HDDs
- **Warranty:** Five-year limited product warranty protection plan and three-year in-house Rescue Data Recovery Services included



Why choose the SkyHawk AI 24TB?

Designed for NVRs enabled with AI for edge security applications, the SkyHawk™ AI 24TB hard drive delivers zero dropped frames while supporting heavier workloads. Intelligently adapting to your environment, the SkyHawk AI supports up to 64 HD video streams and 32 AI streams, offers high reliability with 2M hours MTBF and a 550TB/year workload rate, and powerful processing along with proven reliability with top-leading NVR partners.

With built-in vibrational sensors, multi-bay support up to 16+ bays, SkyHawk Health Management, and a world-class five-year limited product warranty that includes three years of in-house Rescue Data Recovery Services, the SkyHawk AI is your go-to drive for an AI-enabled surveillance solution.

60-Word

SkyHawk™ AI 24TB is an advanced video-optimized drive designed for NVRs enabled with AI for edge security applications. Supporting over 10,000 hours of video and analytics and boosting the heavy workloads of AI-enabled 24/7 surveillance systems, SkyHawk AI supports 3× the workload of standard surveillance drives. The drive includes SkyHawk Health Management and in-house Rescue Data Recovery Services.

40-Word

SkyHawk™ AI 24TB is an advanced video-optimized drive designed for NVRs enabled with AI for edge security applications. It supports over 3× the workload rate of standard surveillance drives and includes SkyHawk Health Management and Rescue in-house Data Recovery Services.

20-Word

SkyHawk™ AI 24TB is a video-optimized drive designed for NVRs with AI for edge applications. SHM and Rescue plans included.

Product Specifications

Capacities

Up to 24TB

Interface

SATA 6Gb/s

Cache (MB)

256

RV Sensors

Yes

Recording Technology

CMR

Drive Design

Helium

Drive Bays Supported

Up to 16

MTBF

2M hours

Workload Rate Limit (WRL)¹

550TB/year

AI Realtime Capture Events/Sec^{2,3}

120

AI Realtime Compare Events/Sec^{2,3}

96

HD Cameras Supported⁴

Up to 64

Rescue Data Recovery Services⁵

3 years

Limited Warranty⁶

5 years

¹ SkyHawk AI surveillance drives are designed for always-on workloads of 550TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

² Events can be human, vehicle, or object capture.

³ Tested and verified using embedded AI NVR – 64-ch HD recording, 16-ch PB. Average picture size ~250 KB

⁴ 1080P, H.265, 25 fps.

⁵ From May 1, 2020, 3-year Rescue Data Recovery Services may be offered in addition to standard warranty. This is offered for selected regions only. Check with reseller on availability.

⁶ Extended warranty options available. Consult your distributor for details.

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