



Specifications	2TB	1TB
Standard Model Numbers	ST2000VX008	ST1000VX005
SkyHawk™ Health Management Included ¹	—	—
Interface	SATA 6Gb/s	SATA 6Gb/s
Features and Performance		
Drive Bays Supported	1 to 8	1 to 8
Cameras Supported	Up to 64	Up to 64
Max. Sustained Transfer Rate OD (MB/s)	180MB/s	180MB/s
Cache (MB)	64	64
Reliability/Data Integrity		
Tarnish Resistant	No	No
Load/Unload Cycles	300,000	—
Nonrecoverable Read Errors per Bits Read, Max	1 per 10E14	1 per 10E14
Power-On Hours per Year (24x7)	8760	8760
Workload Rate Limit (WRL) ²	180	180
MTBF	1,000,000hr	1,000,000hr
Warranty, Limited (years) ³	3	3
Power Management		
Startup Current, Typical (12V, A)	1.8	1.8
Average Operating Power (W)	5.6W	5.6W
Idle Average (W)	4W	4W
Standby Mode/Sleep Mode, Typical (W)	0.5/0.5	0.5/0.5
Voltage Tolerance (5V)	±5%	±5%
Voltage Tolerance (12V)	±10%	±10%
Environmental/Temperature		
Operating (ambient, min °C)	0	0
Operating (drive case, max °C) ⁴	70	70
Nonoperating (ambient, min °C)	-40	-40
Physical		
Height (mm/in, max)	26.11mm/1.028in	20.20mm/0.795in
Width (mm/in, max)	101.85mm/4.01in	101.85mm/4.01in
Depth (mm/in, max)	146.99mm/5.787in	146.99mm/5.787in
Weight (g/lb)	610g/1.35lb	415g/0.915lb
Carton Unit Quantity	20	25
Cartons per Pallet/Cartons per Layer	40/8	40/8

¹ 10TB model available in early CY2018.

² SkyHawk surveillance drives are designed for always-on workloads of 180TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

³ Extended warranty options available. Consult your distributor for details.

⁴ Seagate does not recommend operating at sustained extreme temperatures. Operating at higher temperatures will reduce useful life of the products.