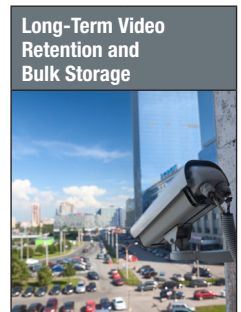
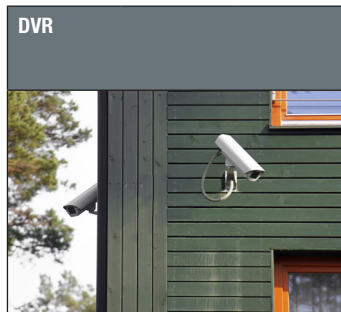


Surveillance Portfolio



	DVR			DVR/Hybrid/ Network Video Recorder (NVR)			Video Management System (VMS)/Video Content Analysis (VCA)		Long-Term Video Retention and Bulk Storage	
Usage Environment	Residential, SMB, F&B/Retail, Commercial Facilities			Casinos, Commercial Buildings, Campuses, Hotels, Factories			Command & Control Centres, Casinos, City Surveillance, Border Control, Airports		Banks, City Surveillance, Homeland Security, Airports	
What They Care About	Reliability, Cost			Reliability, Data Loss Protection, Scalability			Reliability, Data Loss/Integrity, Data Security, Scalability		Reliability, Power, Cost	
Usage Requirements	24x7, Low Power, Sustain Heat & High Temperature, Optimised for Video Streaming			24x7, High Write Optimised, Data Integrity, Support Multiple HD/MP Streams			24x7, Mixed Workloads Optimised, Data Disposal, Power Saving, Optimised for >5HDDs		24x7, Write Many/Read Less, Low Power on Multiple HDDs, Data Disposal, Optimised for >5HDDs	
Best-Fit Applications	<ul style="list-style-type: none"> DVR With ≤16 Channels DVR With 4CIF, 2CIF Res DVR With <4 HD Streams 			<ul style="list-style-type: none"> Up to 20 HD Video Recordings Uses RAID as Redundancy DVR ≥16 Channels 			<ul style="list-style-type: none"> Virtualised Server Appliance IP Storage (NAS, SAN) Backup Appliance (JBOD, DAS) 		<ul style="list-style-type: none"> JBOD NAS DAS 	
Seagate Recommendations	Video HDDs	SV35 Series™	Surveillance HDD	SV35 Series	Surveillance HDD	Enterprise Capacity HDD	Surveillance HDD	Enterprise Capacity HDD	Surveillance HDD	Enterprise Capacity HDD
Drive Count	≤5 HDDs	≤5 HDDs	≤16 HDDs	≤5 HDDs	≤16 HDDs	>5 HDDs	≤16 HDDs	>5 HDDs	≤16 HDDs	>5 HDDs
Low Power	•		•		•	•	•	•	•	•
RAID			•		•	•	•	•	•	•
Concurrent HDDs Recording	≤2 HDDs	≤5 HDDs	≤16 HDDs	≤5 HDDs	≤16 HDDs	>5 HDDs	≤16 HDDs	>5 HDDs	≤16 HDDs	>5 HDDs
ISE (Instant Secure Erase) With Self-Encrypting Drive (SED) Option						•		•		•
FIPS Validation With SED Technology						•		•		•
Data Integrity		•	•	•	•	•	•	•	•	•
Mixed Workloads						•		•		•

Surveillance- Optimised Drives



	Video 3.5 HDD/Video 2.5 HDD	SV35 Series™	Surveillance HDD	Enterprise Capacity 3.5 HDD/ Constellation® ES
Usage Environment	Securing your business and home	Public safety and events		Video analytics and optimisation
Application	Low cost, low resolution, simple to install and use for SMB, retail and commercial use, or home applications	Central monitoring applications typically using IP cameras for medium-sized businesses like banks, casinos or airports		Bulk storage, data centre, government or corporate applications where HD video and video analytics are valued
Audience	System Integrators, End Users	System Integrators, SMB, End Users		System Integrators, IT Managers
Form Factor/ Capacity¹	3.5-inch: 250, 320, 500GB, 1, 2, 3, 4TB 2.5-inch: 320, 500GB	3.5-inch: 1, 2, 3TB	3.5-inch: 3, 4TB	3.5-inch: 500GB, 1, 2, 3, 4, 5, 6TB
Advantages	Low power, quiet, reliable storage for consumer or SMB surveillance	Reliable performance in multi-camera systems	Reliable performance in multi-camera systems, vibration tolerance with R/V sensors to support RAID environments, quick time-to-ready	Fast random performance for data analytics and in multi-drive applications
Time to Ready	Good: Idle 1, 2 support	Good: Idle 1, 2 support	Better: Idle 1, 2, 3 support	Best: PowerChoice™ for customised time-to-ready and power savings
Camera	<18	Up to 32		100+
System	1 to 5 drives	1 to 5 drives	1 to 16 drives	>5 drives RV @ 1500Hz = 12.5rd/s2 Top Cover Attached Motor
Security	—	—		ISE feature in SED or FIPS configurations
Workload	1M MTBF SATA	1M MTBF SATA		1.4M MTBF SAS/SATA
Warranty, Limited	3-year	3-year		5-year

¹ One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.

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