

Surveillance HDD

Zestawienie danych

The New Generation SV Drive

- The industry's first surveillance-optimized hard drive precision-tuned for high write surveillance workloads operating 24x7
- Capacities up to 8TB support 64 cameras per drive and 8+¹ drives per system
- Engineered for workloads of 180TB/year, three times that of desktop drives
- Low power consumption and startup current to minimize heat and vibration emission, improving long-term drive reliability
- Tarnish-resistant components to help protect drive from environmental elements, increasing field reliability
- Customize power settings for incremental savings during system downtime without compromising time to record
- Reliable performance in multi-drive systems with support from RV sensors
- Optional 3-year +Rescue Data Recovery Service plan to help protect against data loss from viruses, software issues or mechanical and electrical breakdowns

Best-Fit Applications

- NVR
- Embedded SDVR
- Hybrid SDVR
- Surveillance DVR

¹ Drives with Rotational Vibration sensors can be used in systems with 8+ drive bays. Drives without Rotational Vibration are ideal for systems with 8 or fewer drives.



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Parametry	Surveillance HDD						
Pojemność	8TB	6TB	5TB	4TB	3TB	2TB	1TB
Standard Model Numbers	ST8000VX0002	ST6000VX0001	ST5000VX0001	ST4000VX000	ST3000VX0006	ST2000VX0003	ST1000VX0001
+Rescue Model Numbers	ST8000VX00012	ST6000VX00011	ST5000VX00011	ST4000VX0002	ST3000VX0005	ST2000VX0005	ST1000VX0003
Interfejs	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Pamięć podręczna	256MB	128MB	128MB	64MB	64MB	64MB	64MB
Bytes per Sector	4096	4096	4096	4096	4096	4096	4096
Performance							
R/V (Rotational Vibration) Sensor	Yes	Yes	Yes	Yes	No	No	No
Drive bays supported	8+	8+	8+	8+	Liczba obsługiwanych kieszeni dyskowych	Liczba obsługiwanych kieszeni dyskowych	Liczba obsługiwanych kieszeni dyskowych
Cameras Supported	Liczba obsługiwanych kamer	Liczba obsługiwanych kamer	Liczba obsługiwanych kamer	Liczba obsługiwanych kamer	Liczba obsługiwanych kamer	Liczba obsługiwanych kamer	Liczba obsługiwanych kamer
Max Sustainable Transfer Rate	230MB/s	180MB/s	180MB/s	180MB/s	180MB/s	180MB/s	180MB/s
+Rescue Data Recovery Service							
3-Year Option With +Rescue Model	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voltage							
Voltage Tolerance, Inc. Noise (5V)	±5%	±5%	±5%	±5%	±5%	±5%	±5%
Voltage Tolerance, Inc. Noise (12V)	±10%	±10%	±10%	±10%	±10%	±10%	±10%
Power Management							
Prąd rozruchu (A)	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Średni pobór mocy podczas pracy	9.0W	9.0W	9.0W	5.6W	5.6W	5.6W	5.6W
W stanie spoczynku, średnio (W) ³	7.6W	7.2W	7.2W	4.0W	4.0W	4.0W	4.0W
Tryb czuwania (W)	0.6W	0.6W	0.6W	0.5W	0.5W	0.5W	0.5W
Stan uśpienia (W)	0.6W	0.6W	0.6W	0.5W	0.5W	0.5W	0.5W
Environmental/Temperature							
Operating (ambient, min)	5°C	5°C	5°C	0°C	0°C	0°C	0°C
Temperatura pracy	60°C	60°C	60°C	70°C	70°C	70°C	70°C
Nonoperating (ambient, min)	-40°C	-40°C	-40°C	-40°C	-40°C	-40°C	-40°C
Nonoperating (ambient, max)	70°C	70°C	70°C	70°C	70°C	70°C	70°C
Reliability							
Tamish Resistant ¹	Yes	Yes	Yes	Yes	No	No	No
Load/Unload Cycles	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Nonrecoverable Read Errors per Bits Read, Max	1 per 10E15	1 per 10E14	1 per 10E14	1 per 10E14	1 per 10E14	1 per 10E14	1 per 10E14
Średni czas pomiędzy awariami	1,000,000h	1,000,000h	1,000,000h	1,000,000h	1,000,000h	1,000,000h	1,000,000h
Power-On Hours	8760	8760	8760	8760	8760	8760	8760
Warranty, Limited (years)	3	3	3	3	3	3	3
Physical							
Wysokość	26.11mm	26.11mm	26.11mm	26.11mm	26.11mm	26.11mm	19.99mm
Height	1.028cale	1.028cale	1.028cale	1.028cale	1.028cale	1.028cale	0.787cale
Szerokość	101.85mm	101.85mm	101.85mm	101.6mm	101.6mm	101.6mm	101.60mm
Szerokość (cale)	4.010cale	4.010cale	4.010cale	4.0cale	4.0cale	4.0cale	4.0cale
Głębokość (mm)	147.00mm	147.00mm	147.00mm	146.99mm	146.99mm	146.99mm	146.99mm
Głębokość (cale)	5.878cale	5.878cale	5.878cale	5.787cale	5.787cale	5.787cale	5.787cale
Typowa waga	780g	780g	780g	610g	610g	610g	400g
Typical Weight	1.72funty	1.72funty	1.72funty	1.345funty	1.345funty	1.345funty	0.88funty

Carton Unit Quantity	20	20	20	20	20	20	25
Cartons per Pallet	40	40	40	40	40	40	40
Cartons per Layer	8	8	8	8	8	8	8

Parametry	SV35.6		
	3TB	2TB	1TB
Pojemność	3TB	2TB	1TB
Standard Model Numbers	ST3000VX000	ST2000VX000	ST1000VX000
+Rescue Model Numbers	ST3000VX004	ST2000VX004	ST1000VX002
Interfejs	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Pamięć podręczna	64MB	64MB	64MB
Bytes per Sector	4096	4096	4096
Performance			
R/V (Rotational Vibration) Sensor	No	No	No
Drive bays supported	Liczba obsługiwanych kieszeni dyskowych	Liczba obsługiwanych kieszeni dyskowych	Liczba obsługiwanych kieszeni dyskowych
Cameras Supported	Up to 32	Up to 32	Up to 32
Max Sustainable Transfer Rate	210MB/s	210MB/s	210MB/s
+Rescue Data Recovery Service			
3-Year Option With +Rescue Model	Yes	Yes	Yes
Voltage			
Voltage Tolerance, Inc. Noise (5V)	±5%	±5%	±5%
Voltage Tolerance, Inc. Noise (12V)	+10%/-7.5%	+10%/-7.5%	+10%/-7.5%
Power Management			
Prąd rozruchu (A)	2.0	2.0	2.0
Średni pobór mocy podczas pracy	8.0W	8.0W	5.90W, 5.9W
W stanie spoczynku, średnio (W) ³	5.40W, 5.4W	5.4W, 5.40W	3.36W
Tryb czuwania (W)	0.75W	0.75W	0.63W
Stan uśpienia (W)	0.75W	0.75W	0.63W
Environmental/Temperature			
Operating (ambient, min)	0 °C	0 °C	0 °C
Temperatura pracy	60 °C, 70 °C	70 °C, 60 °C	60 °C, 70 °C
Nonoperating (ambient, min)	-40 °C	-40 °C	-40 °C
Nonoperating (ambient, max)	70 °C	70 °C	70 °C
Reliability			
Tarnish Resistant ¹	—	—	—
Load/Unload Cycles	300,000	300,000	300,000
Nonrecoverable Read Errors per Bits Read, Max	1 per 10E14	1 per 10E14	1 per 10E14
Średni czas pomiędzy awariami	1,000,000h	1,000,000h	1,000,000h
Power-On Hours	8760	8760	8760
Warranty, Limited (years)	3	3	3
Physical			
Wysokość	26.11mm	26.11mm	19.98mm
Height	1.028cale	1.028cale	0.787cale
Szerokość	101.6mm	101.6mm	101.6mm
Szerokość (cale)	4.0cale	4.0cale	4.0cale
Głębokość (mm)	146.99mm	146.99mm	146.99mm
Głębokość (cale)	5.787cale	5.787cale	5.787cale
Typowa waga	626g	626g	400g, 415g
Typical Weight	1.38funty	1.38funty	0.88funty, 0.915funty
Carton Unit Quantity	20	20	25
Cartons per Pallet	40	40	40
Cartons per Layer	8	8	8

¹ Product will ship with tarnish-resistant components in early 2016.

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