



Surveillance HDD



Specifications	Surveillance HDD						
Capacity	8TB	6TB	5TB	4TB	3TB	2TB	1TB
Standard Model Numbers	ST8000VX0002	ST6000VX0001	ST5000VX0001	ST4000VX000	ST3000VX006	ST2000VX003	ST1000VX001
+Rescue Model Numbers	ST8000VX0012	ST6000VX0011	ST5000VX0011	ST4000VX002	ST3000VX005	ST2000VX005	ST1000VX003
Interface	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s
Cache	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+	1 to 8	1 to 8	1 to 8
Cameras Supported	Up to 64	Up to 64	Up to 64	Up to 64	Up to 64	Up to 64	Up to 64
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							
Startup Power (12V, A)	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Average Operating Power	9.0W	9.0W	9.0W	5.6W	5.6W	5.6W	5.6W
Idle Average	7.6W	7.2W	7.2W	4.0W	4.0W	4.0W	4.0W
Standby Mode	0.6W	0.6W	0.6W	0.5W	0.5W	0.5W	0.5W
Sleep Mode	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
Operating (drive case, max)	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							
Tarnish 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
Mean Time Between Failures	1,000,000hr	1,000,000hr	1,000,000hr	1,000,000hr	1,000,000hr	1,000,000hr	1,000,000hr
Power-On Hours	8760	8760	8760	8760	8760	8760	8760
Warranty, Limited (years)	3	3	3	3	3	3	3
Physical							
Height	26.11mm	26.11mm	26.11mm	26.11mm	26.11mm	26.11mm	19.99mm
Height	1.028in	1.028in	1.028in	1.028in	1.028in	1.028in	0.787in
Width	101.85mm	101.85mm	101.85mm	101.6mm	101.6mm	101.6mm	101.60mm
Width	4.010in	4.010in	4.010in	4.0in	4.0in	4.0in	4.0in
Depth	147.00mm	147.00mm	147.00mm	146.99mm	146.99mm	146.99mm	146.99mm
Depth	5.878in	5.878in	5.878in	5.787in	5.787in	5.787in	5.787in
Typical Weight	780g	780g	780g	610g	610g	610g	400g
Typical Weight	1.72lb	1.72lb	1.72lb	1.345lb	1.345lb	1.345lb	0.88lb
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