Hard Disk Drives

For Use with Dahua NVRs and HDCVI DVRs



- Surveillance-optimized Hard Drive Precision
- Engineered for Workloads up to 180 TB/year
- Capacity Up to 8 TB, Supports 64 Cameras per Drive
- Low Power Consumption and Startup Current
- Tarnish-resistant Components to Minimize Environmental Effects

Technical Specification

	ST1000VX001	ST2000VX003	ST3000VX006	ST4000VX000	ST6000VX0003	ST8000VX0002
Capacity	1 TB	2 TB	3 TB	4 TB	6 TB	8 TB
Interface	SATA 6 GB/s	SATA 6 GB/s	SATA 6 GB/s	SATA 6 GB/s	SATA 6 GB/s	SATA 6 GB/s
Cameras Supported	up to 64	up to 64	up to 64	up to 64	up to 64	up to 64
Cache	64 MB	64 MB	64 MB	64 MB	128 MB	256 MB
Bytes per Sector	4096	4096	4096	4096	4096	4096
Maximum Sustained Transfer Rate	180 MB/s	180 MB/s	180 MB/s	180 MB/s	180 MB/s	230 MB/s
Startup Current, (typical at 12 V)	1.8 A	1.8 A	1.8 A	1.8 A	1.8 A	1.8 A
Average Operating Power	5.6 W	5.6 W	5.6 W	5.6 W	9 W	9 W
Average Idle Power	4 W	4 W	4 W	4 W	7.2 W	7.2 W
Operating Temperature	0° C to 75° C (32° F to 167° F)	0° C to 70° C (32° F to 158° F)	0° C to 70° C (32° F to 158° F)	0° C to 70° C (32° F to 158° F)	5° C to 70° C (41° F to 158° F)	5° C to 70° C (41° F to 158° F)
Non-operating Temperature	–40° C to 70° C (–40° F to 158° F)	–40° C to 70° C (–40° F to 158° F)	–40° C to 70° C (–40° F to 158° F)	–40° C to 70° C (–40° F to 158° F)	–40° C to 70° C (–40° F to 158° F)	–40° C to 70° C (–40° F to 158° F)
Dimensions (H x W x D), mm (in.)	26.11 x 101.85 x 146.99 (1.028 x 4.01 x 5.787)	26.11 x 101.85 x 146.99 (1.028 x 4.01 x 5.787)	26.11 x 101.85 x 146.99 (1.028 x 4.01 x 5.787)	26.11 x 101.85 x 146.99 (1.028 x 4.01 x 5.787)	26.11 x 101.85 x 146.99 (1.028 x 4.01 x 5.787)	26.11 x 101.85 x 146.99 (1.028 x 4.01 x 5.787)
Weight	400 g (0.92 lb)	610 g (1.38 lb)	610 g (1.38 lb)	610 g (1.38 lb)	780 g (1.72 lb)	780 g (1.72 lb)

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