

# Hard Disk Drives

For Use with Dahua NVRs and HDCVI DVRs



- Designed for 24/7 Surveillance-optimized Hard Drive Applications
- Engineered for Workloads up to 180 TB/year
- Capacity Up to 10 TB, Supports 64 Cameras per Drive
- Low Power Consumption and Startup Current
- Tarnish-resistant Components to Minimize Environmental Effects

## Technical Specification

	ST1000VX005	ST2000VX015	ST3000VX009	ST4000VX013	ST6000VX001	ST8000VE001	ST10000VE0008
Capacity	1 TB	2 TB	3 TB	4 TB	6 TB	8 TB	10 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	SATA 6 GB/s
Cameras Supported	up to 64	up to 64	up to 64	up to 64	up to 64	up to 64	up to 64
Cache	64 MB	256 MB	256 MB	256 MB	256 MB	256 MB	256 MB
Maximum Sustained Transfer Rate	180 MB/s	180 MB/s	180 MB/s	180 MB/s	180 MB/s	235 MB/s	250 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	1.8 A
Average Operating Power	5.6 W	3.7 W	5.6 W	3.7 W	5.0 W	8.73 W	6.9 W
Average Idle Power	4.0 W	2.5 W	4.0 W	2.5 W	3.4 W	7.5 W	4.9 W
Operating Temperature	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)	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)	-40° C to 70° C (-40° F to 158° F)
Weight	415.0 g (0.915 lb)	415.0 g (0.915 lb)	490.0 g (1.08 lb)	490.0 g (1.08 lb)	610.0 g (1.345 lb)	716.0 g (1.58 lb)	650.0 g (1.43 lb)
Dimensions, mm (in.) (H x W x D)	20.20 x 101.85 x 146.99 (0.80 x 4.0 x 5.79)	20.20 x 101.85 x 146.99 (0.80 x 4.0 x 5.79)	20.20 x 101.85 x 146.99 (0.80 x 4.0 x 5.79)	20.20 x 101.85 x 146.99 (0.80 x 4.0 x 5.79)	26.11 x 101.85 x 146.99 (1.03 x 4.0 x 5.79)	26.11 x 101.85 x 146.99 (1.03 x 4.0 x 5.79)	26.11 x 101.85 x 146.99 (1.03 x 4.0 x 5.79)