

Hard Disk Drives (Enterprise and Non-Enterprise)

For Use with EVS Storage Units, Dahua NVRs, and HDCVI DVRs

Enterprise HDDs

- 8 TB or 10 TB Capacity
- 3.5-in. Enterprise Drive for Bulk Data Applications
- RAID Support
- Designed for 24/7 Security-optimized Hard Drive Applications
- Tarnish-resistant Components to Minimize Environmental Effects

Enterprise HDDs

Technical Specification

	DHHDD8T	DHHDD10T
Capacity	8 TB	10 TB
Spindle Speed	7200 RPM	7200 RPM
Cache, Multi-Segmented	256 MB	256 MB
Interface Access Speed	6.0 Gb/s, 3.0 Gb/s, 1.5 Gb/s	6.0 Gb/s, 3.0 Gb/s
Bytes per Sector	512	512
Maximum Sustained Transfer Rate	249 MB/s	245 MB/s
Average Latency (ms)	4.16 ms	4.16
Average Idle Power	7.64 W	5.0 W
Average Operating Power	12.81 W	9.5 W
MTBF Hours	2 million	2.5 million
Power Supply Requirements	+12 V and +5 V	+12 V and +5 V
Operating Temperature	5 °C to 60 °C (41 °F to 140 °F)	5 °C to 60 °C (41 °F to 140 °F)
Weight	716.0 g (1.58 lb)	670.0 g (1.48 lb)
Dimensions (H x W x D)	26.11 mm x 101.85 mm x 147.0 mm (1.03 in. x 4.01 in. x 5.79 in.)	26.11 mm x 101.85 mm x 147.0 mm (1.03 in. x 4.01 in. x 5.79 in.)

Non-Enterprise HDDs

- Designed for 24/7 Security-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

Non-Enterprise HDDs

Technical Specification

	DHHDDA1T	DHHDDA2T	DHHDDA3T	DHHDDA4T	DHHDDA6T	DHHDDA8T	DHHDDA10T	DHHDDA16T
Capacity	1 TB	2 TB	3 TB	4 TB	6 TB	8 TB	10 TB	16 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	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	up to 64
Cache	64 MB	256 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	245 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	1.8 A
Average Operating Power	5.6 W	3.7 W	5.6 W	3.7 W	5.0 W	8.73 W	10.1 W	6.71 W
Average Idle Power	4.0 W	2.5 W	4.0 W	2.5 W	3.4 W	7.5 W	7.8 W	5.1 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 65° C (32° F to 149° F)	0° C to 70° C (32° F to 158° F)	5° C to 70° C (41° F to 158° F)	0° C to 65° C (32° F to 149° 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 65° C (−40° F to 149° F)	−40° C to 70° C (−40° F to 158° F)	−40° C to 70° C (−40° F to 158° F)	−40° C to 65° C (−40° F to 149° 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)	690.0 g (1.52 lb)	670.0 g (1.48 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)	26.11 x 101.85 x 146.99 (1.03 x 4.0 x 5.79)"