

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 | ST2000VX008 | ST3000VX009 | ST4000VX007 | ST6000VX001 | ST8000VX0022 | 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 | 64 MB | 256 MB | 64 MB | 256 MB | 256 MB | 256 MB |
| Bytes per Sector | | | | | | | |
| Maximum Sustained Transfer Rate | 180 MB/s | 180 MB/s | 180 MB/s | 190 MB/s | 180 MB/s | 210 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 | 2.0 A | 1.8 A |
| Average Operating Power | 5.6 W | 5.6 W | 5.6 W | 5.5 W | 5.0 W | 9.0 W | 6.9 W |
| Average Idle Power | 4.0 W | 4.0 W | 4.0 W | 3.2 W | 3.4 W | 7.6 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) | 610.0 g (1.345 lb) | 490.0 g (1.08 lb) | 635.0 g (1.40 lb) | 610.0 g (1.345 lb) | 780.0 g (1.72 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) | 26.11 x 101.85 x 146.99 (1.03 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) |