



7618A-HD03

Hard Disk for Video Surveillance. 1 TB capacity.

Specification

Formatted capacity	6 TB	4 TB	3 TB	2 TB	1 TB
Form factor ²	3.5-inch				
Advanced Format (AF)	Yes				
RoHS compliant ³	Yes				
Data transfer rate (max)	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
Buffer to host	175 MB/s	150 MB/s	145 MB/s	145 MB/s	110 MB/s
Host to/from drive (sustained)					
Cache (MB)	64				
Rotational speed (RPM)	IntelliPower				
Load/unload cycles ⁴	300,000				
Non-recoverable read errors per bits read	<1 in 10 ¹⁴				
Limited warranty (years) ⁵	3				
Average power requirements (W)	5.3	5.1	4.4	4.4	3.3
Read/Write	4.9	4.5	4.1	4.1	2.9
Idle	0.4	0.4	0.4	0.4	0.4
Standby and Sleep					
Operating Temperature ⁶	0 °C ÷ 65 °C				
Non-Operating Temperature ⁶	-40 °C ÷ 70 °C				
Shock (Gs)	30				
Operating (2 ms, read/write)	65				
Operating (2 ms, read)	250				
Non-operating (2 ms)					
Acoustics (dBA) ⁷	25				
Idle	65				
Seek (average)					
Dimensions (H x L x W) (in.; mm, ± .01 in.)	1.028 x 5.787 x 4; 26.1 x 147 x 101.6				
Weight (lb.; kg, ± 10%)	1.65; 0.75				

²As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for buffer or cache, one megabyte (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second. Effective maximum SATA 6 Gb/s transfer rate calculated according to the Serial ATA specification published by the SATA-IO organization as of the date of this specification sheet. Visit www.sata-io.org for details.

³WD hard drive products manufactured and sold worldwide after June 8, 2011, meet or exceed Restriction of Hazardous Substances (RoHS) compliance requirements as mandated by the RoHS Directive 2011/65/EU.

⁴Controlled unload at ambient condition.

⁵The term of the limited warranty may vary by region. Visit <http://support.wd.com/warranty> for details.

⁶No non-recoverable errors during operating tests or after non-operating tests.

⁷Sound power level.