

WD EVRX Series Hard Drives

Specifications	6TB	4TB	3TB	2TB	1TB
Dahua Model Numbers	WD60EVRX	WD40EVRX	WD30EVRX	WD20EVRX	WD10EVRX
Form Factor	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch
Advanced Format (AF)	Yes	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes	Yes
Products Features					
Cameras Supported	Up to 64	Up to 64	Up to 64	Up to 64	Up to 64
Drive Bays Supported	8+	8+	8	8	8
Tarnish Resistant Components	Yes	Yes	No	No	No
Performance					
Interface transfer rate (max)					
Buffer to host	6Gb/s	6Gb/s	6Gb/s	6Gb/s	6Gb/s
Host to/from drive (sustained)	175MB/s	150MB/s	145MB/s	145MB/s	110MB/s
Cache (MB)	64	64	64	64	64
Performance Class	5400 RPM Class	5400 RPM Class	5400 RPM Class	5400 RPM Class	5400 RPM Class
Reliability/Data Integrity					
Load/Unload Cycles	300,000	300,000	300,000	300,000	300,000
Annualized Workload Rating	180TB/year	180TB/year	180TB/year	180TB/year	180TB/year
Nonrecoverable Read Errors Rate, M	1 per 10E14	1 per 10E14	1 per 10E14	1 per 10E14	1 per 10E14
Warranty, Limited (years)	3	3	3	3	3
Power Management					
Average Operating Power (W)	5.3	5.1	4.4	4.4	3.3
Idle Average (W)	4.9	4.5	4.1	4.1	2.9
Standby Mode/Sleep Mode, Typical	0.4	0.4	0.4	0.4	0.4
Environmental Specifications					
Temperature (°C, on the base casting)					
Operating	1 to 65 -40 to 70	1 to 65 -40 to 70	1 to 65 -40 to 70	1 to 65 -40 to 70	1 to 65 -40 to 70
Shock (Gs)					
Operating (2 ms, read/write)	30	30	30	30	30
Operating (2ms, read)	65	65	65	65	65
Non-operating (2ms)	250	250	250	250	250
Acoustics (dBA)					
Idle	25	25	23	23	21
Seek (average)	26	26	24	24	22
Physical					
Height (mm/in, max)	26.1/1.028	26.1/1.028	26.1/1.028	26.1/1.028	26.1/1.028
Width (mm/in, max)	101.6/4	101.6/4	101.6/4	101.6/4	101.6/4
Depth (mm/in, max)	147/5.787	147/5.787	147/5.787	147/5.787	147/5.787
Weight (g/lb, typical)	750/1.65	680/1.52	640/1.40	600/1.32	450/990
Carton Unit Quantity	20	20	20	20	20
Cartons per Pallet/Cartons per Layer	40/8	40/8	40/8	40/8	40/8