



# WD AV-GP

Power-saving Hard Drives

**24x7 reliability for  
video storage and  
streaming.**

24x7 reliability

Industry leading capacity

Cool running

WD AV-GP SATA hard drives deliver 24x7 quiet operation, low temperature, high reliability, and optimized streaming with capacities reaching 3 TBs for storage intensive AV applications such as PVRs, DVRs, set top boxes, and surveillance video recording.



PUT YOUR LIFE ON IT®



# WD AV-GP

## Power-saving Hard Drives



### Product Features

#### Industry leading capacity

WD AV-GP SATA drives now offer unrivalled storage capacity up to 3 TBs – perfect for today's storage intensive applications.

#### 24x7 reliability

These drives are designed to last in high temperature always-on, streaming digital audio/video environments such as PVR/DVR, IPTV, and video surveillance systems.

#### Compatible

Tested for compatibility in a broad range of AV products including set top boxes, DVR/PVR, and mainstream video surveillance systems. For drives with greater than 2.19 TB capacity, compatibility is selective to PVRs and surveillance systems that are compatible with hard drives exceeding 2.19 TB. For more information on large capacity drive compatibility, go to <http://avlargecapacitydrives.com>

#### 1 million hours MTBF

Best-in-class reliability for mainstream 3.5-inch form-factor AV storage.\*

#### Reduced power consumption

WD AV-GP drives consume less power by up to 40 percent compared to 7200 RPM hard drives. Lower power means less heat and greater reliability.

#### Quiet

Noise levels have been minimized to less than one sone\*\* – virtually below the threshold of human hearing.

#### SilkStream™

Optimized for smooth, continuous digital video playback of up to twelve simultaneous HD streams. SilkStream is compatible with the ATA streaming command set so CE customers can use standard streaming management and error recovery options.

#### IntelliSeek™

Calculates optimum seek speeds to lower power consumption, noise, and vibration.

#### IntelliPark™

Delivers lower power consumption by automatically unloading the heads during idle to reduce aerodynamic drag.

#### Preemptive Wear Leveling (PWL)

The drive arm frequently sweeps across the disk to reduce uneven wear on the drive surface common to audio/video streaming applications.

#### Advanced Format (AF)

Technology being adopted by WD and other drive manufacturers as one of multiple ways to continue growing hard drive capacities. AF is a more efficient media format that enables increased areal densities. (EURS/AURS models only)

\*Based upon dual tuner system operating in typical 30°C air ambient environment.

\*\*A sone is a subjective unit of loudness as perceived by a person with normal hearing.

### Product Specifications

#### INTERFACE

SATA 3 Gb/s

#### FORM FACTOR

3.5-inch

#### CACHE

8 MB (VS models)  
32 MB (DS models)  
64 MB (RS models)

#### LIMITED WARRANTY

3 years

#### MODELS

WD1600AVVS	WD10EVS
WD2500AVVS	WD10EVS
WD3200AVVS	WD10EVS
WD5000AVDS	WD15EVS
WD7500AVDS	WD15EVS
WD7500AURS	WD20EVS
	WD20EVS
	WD25EVS
	WD30EVS

#### CAPACITIES

160 GB  
250 GB  
320 GB  
500 GB  
750 GB  
1 TB  
1.5 TB  
2 TB  
2.5 TB  
3 TB

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As 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 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.

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