



# WD AV-GP

Power-saving Hard Drives

**24x7 reliability for  
video streaming**

24x7 reliability

Cool running

Whisper quiet

Power-conserving WD AV-GP SATA hard drives with WD GreenPower Technology™ meet the 24x7 requirements of demanding audio and video environments. They deliver cool and quiet operation and reliability perfect for audio/video applications such as PVRs, DVRs, set-top boxes (STBs), and surveillance video recording.



PUT YOUR LIFE ON IT®



# WD AV-GP

## Power-saving Hard Drives



### Product Features

#### 24x7 reliability

These drives are designed to last in always-on, streaming digital audio/video environments such as PVRs, DVRs and surveillance video recorders.

#### Reduced power consumption

With the combination of WD's IntelliSeek, IntelliPark, and IntelliPower technologies, WD has reduced power consumption by up to 40 percent compared to competitors' drives. Lower power means less heat and better 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.

#### IntelliPower™

A fine-tuned balance of spin speed, transfer rate, and caching algorithms designed to deliver both significant power savings and solid performance.

#### 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.

#### 1 million hours MTBF

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

#### 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. (WDxxEURS models only)

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

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

### Product Specifications

#### INTERFACE

SATA 3 Gb/s

#### FORM FACTOR

3.5-inch

#### CACHE

8 MB (EVVS and AVVS models)  
32 MB (EVDS and AVDS models)  
64 MB (EURS models)

#### LIMITED WARRANTY

3 years

#### MODELS

WD1600AVS WD10EVVS  
WD2500AVS WD10EVDS  
WD3200AVS WD10EURS  
WD5000AVS WD15EVDS  
WD5000AVDS WD15EURS  
WD7500AVDS WD20EVDS  
WD20EURS

#### CAPACITIES

160 GB  
250 GB  
320 GB  
500 GB  
640 GB  
750 GB  
1 TB  
1.5 TB  
2 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.