



View of the hard drive



View of the sticker

This 2 TB (2000 GB) hard drive from the PURPLE series of Western Digital has been **purpose-built for surveillance digital video recording systems based on video servers and/or DVRs and operating in 24/7 mode**. The series offers superior performance, high capacity and long-term reliability. The drives are designed to work non-stop in systems processing and recording audio and video, on any platform (PC, standalone, DVRs, NVRs, servers).

The series is dedicated to systems operating at high loads, while ensuring reliable operation, greater resistance to vibration and high temperature, with lower power consumption and noise emission - thanks to IntelliSeek, IntelliPark and IntelliPower technologies. Western Digital drives are recommended by all leading manufacturers of CCTV equipment.

The WD20PURZ drives have a much better performance than typical hard drives for PC workstations. The key features include:

- lower by 25% average drive ready time,
- reduced by up to 20% noise emission,
- reduced by up to 50% power consumption (read/write).

In a DVR/NVR with multiple HDDs, usually only one is used at any given moment - the rest is in sleep mode. **The power consumption of WD AV-GP HDD in sleep mode is only 0.4 W** - it is 40% of the value consumed in this mode by typical HDDs used in PCs.

Specifications

Name	HDD WD PURPLE 2TB
Code	M89270
Model	WD20PURZ
Interface	SATA 3.0, 6 Gb/s
Capacity	2 TB
Size	3.5"
Buffer size	64 MB
Average power requirements:	
Read/Write	4.4 W
Idle	4.1 W
Sleep	0.4 W
Noise emission:	
Idle mode	21 dBA
Quiet seek mode	22 dBA
Rotational speed	automatically adjusted thanks to IntelliPower function
Weight	0.45 kg
Remarks	optimized for DVR/NVR applications