

WD Purple Surveillance Hard Drive WD40PURZ(WD40PURZ)

WD Purple Surveillance Hard Drive WD40PURZ - Hard drive - 4 TB - internal - 3.5" - SATA 6Gb/s - 5400 rpm - buffer:64 MB



WD Purple drives are built for 24/7,always-on,high-definition security systems. With a high workload rate,WD Purple drives are optimized for surveillance systems. WD Purple surveillance storage also features WD's exclusive AllFrame 4K technology,so you can confidently create a security system tailored to the needs of your business.

Key Selling Points

- Surveillance you can trust
- WD's exclusive AllFrame 4K technology
- Enhanced workload rating
- Wide compatibility,seamless integration
- Less power,more efficient

Product Features

Surveillance you can trust

With WD Purple surveillance storage,you have a drive engineered for high temperature,always-on surveillance systems so you can rely on quality video playback when you need it most. Whether you're protecting loved ones or monitoring your business,WD Purple offers performance you can trust.

WD's exclusive AllFrame 4K technology

All WD Purple drives are equipped with AllFrame 4K technology,which improves ATA streaming to help reduce frame loss,improve overall video playback,and increase the number of hard drive bays supported within a NVR. Futureproof your surveillance solution knowing that WD Purple is ready for ultra high definition cameras.

Enhanced workload rating

With a high workload rating WD Purple is designed to handle the unique demands of modern video surveillance DVR and NVR systems.

Wide compatibility,seamless integration

WD Purple hard drives are built with compatibility in mind,so you can quickly and seamlessly add capacity to your surveillance system. With a wide range of enclosures and chipsets supported,you're sure to find the DVR or NVR configuration that's right for you.

Less power,more efficient

With exclusive IntelliSeek technology,WD Purple drives are able to calculate optimum seek speeds. This keeps power consumption low so ambient noise and vibrations are at a minimum.

Main Specifications

| | |
|---------------------|--|
| Product Description | WD Purple Surveillance Hard Drive WD40PURZ - hard drive - 4 TB - SATA 6Gb/s |
| Type | Hard drive - internal |
| Capacity | 4 TB |
| Form Factor | 3.5" |
| Interface | SATA 6Gb/s |
| Data Transfer Rate | 600 MBps |
| Buffer Size | 64 MB |
| Spindle Speed | 5400 rpm |
| Features | Time-Limited Error Recovery (TLER),Advanced Format technology,HelioSeal,surveillance system compatible,24x7 availability,Write-Intensive Endurance,AllFrame 4K |
| Dimensions (WxDxH) | 101.6 mm x 147 mm x 26.1 mm |
| Weight | 680 g |
| Localisation | Worldwide |

| | |
|-----------------------|-----------------|
| Manufacturer Warranty | 3-year warranty |
|-----------------------|-----------------|

Extended Specification

General

| | |
|-------------|--|
| Device Type | Hard drive - internal |
| Capacity | 4 TB |
| Form Factor | 3.5" |
| Interface | SATA 6Gb/s |
| Buffer Size | 64 MB |
| Features | Time-Limited Error Recovery (TLER), Advanced Format technology, HelioSeal, surveillance system compatible, 24x7 availability, Write-Intensive Endurance, AllFrame 4K |
| Width | 101.6 mm |
| Depth | 147 mm |
| Height | 26.1 mm |
| Weight | 680 g |

Performance

| | |
|---------------------|---------------------|
| Drive Transfer Rate | 600 MBps (external) |
| Internal Data Rate | 150 MBps |
| Spindle Speed | 5400 rpm |

Reliability

| | |
|------------------------|-----------------|
| 24x7 Operation | Yes |
| Non-Recoverable Errors | 1 per 10^{14} |
| Load / Unload Cycles | 300,000 |

Expansion & Connectivity

| | |
|----------------|-----------------|
| Interfaces | 1 x SATA 6 Gb/s |
| Compatible Bay | 3.5" |

Power

| | |
|-------------------|--|
| Power Consumption | 5.1 Watt (read) 5.1 Watt (write) 4.5 Watt (idle) 0.4 Watt (standby) 0.4 Watt (sleep) |
|-------------------|--|

Miscellaneous

| | |
|---------------------|----------------------|
| Compliant Standards | Directive 2002/95/EC |
| Localisation | Worldwide |

Manufacturer Warranty

| | |
|-------------------|----------------------------|
| Service & Support | Limited warranty - 3 years |
|-------------------|----------------------------|

Environmental Parameters

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|---------------------------------|--------------|
| Min Operating Temperature | 0 °C |
| Max Operating Temperature | 65 °C |
| Min Storage Temperature | -40 °C |
| Max Storage Temperature | 70 °C |
| Shock Tolerance (operating) | 30 g @ 2 ms |
| Shock Tolerance (non-operating) | 250 g @ 2 ms |
| Sound Emission | 25 dBA |

*Tech Data is not responsible for errors in the documentation of products.