

Top 3 Reasons You Should Consider Solid-State Drives for Mobile Video System Storage

Slowly becoming the standard for mobile video data storage, solid-state drives (SSD) have improved on the shortcomings of hard disk drives (HDD) over the years. SSDs are nonmechanical devices that store and retrieve information on flash memory, which consists of individual memory cells.

If you're looking to outfit your fleet with a DVR system, here are the top three reasons you should consider using SSDs to store your data.

Solid-State Drives Are Shock-Resistant

Unlike HDDs, which store and retrieve data using magnetic storage and one or more rapidly rotating disks — like how a vinyl record player works — SSDs feature no moving parts. No moving parts mean they are shock-resistant and can handle harsh conditions, like bumpy roads or harsh stops and turns. Because of their mechanical nature, HDDs are not designed to be in a moving vehicle.

Solid-State Drives Offer Fast Read/Write Speeds

Storing and retrieving data using flash memory results in the fastest read/write speeds available for mobile video storage. Ever booted up a brand-new computer in under 10 seconds? It's most likely because it is using an SSD, whereas a computer with an HDD could take 30 seconds or longer.

While a difference of 20 seconds doesn't seem like a big deal, it adds up when you're dealing with hundreds of gigabytes of video data that need to be transferred from the DVR to your computer or network.

Solid-State Drives Are Easier to Remove

Because HDDs cannot handle any kind of vibration, they need to be kept in place with multiple screws and fasteners. SSDs, on the other hand, generally require only a couple of screws, which make them much easier to remove.

SSDs offer the user peace of mind with its durable construction, quick read/write speeds and ability to be removed quicker than HDDs.

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About Pro-Vision

Founded in 2003, Pro-Vision is a leading video technology solutions provider trusted by thousands of organizations in 58 countries. Pro-Vision solutions include vehicle video recording systems, body-worn cameras, data management and cloud-based storage solutions. Pro-Vision's transit, law enforcement and commercial partners utilize these solutions to enhance safety, increase productivity and protect critical assets.



PRO•VISION VIDEO SYSTEMS

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