

5 Features to Consider When Purchasing a Mobile Video Solution for the Freight Industry

Mobile video solutions are becoming more commonplace in the freight and trucking industry. Drivers are hauling valuable goods for hundreds of miles, and transportation directors need to ensure their drivers make those deliveries while following proper procedures, keeping the drivers and others around them safe.

Likewise, the roads are littered with distracted and negligent drivers, so having cameras capturing the journey tells the whole story, exonerating your driver from false claims.

What Features Does a Mobile Video Solution Offer?

Whether your mobile video solution just includes side and rear cameras or a complete view of your vehicles, there are several features to consider.

Field of View

The field of view is an important factor in determining which camera to purchase. The bigger the field of view, the more activity that can be recorded. Most mobile video cameras provide anywhere from 110° to 170° field of view. Some specially designed cameras, like stop-arm cameras designed for school buses, feature a field-of-view of 180°.

Pre- and Post-event Recording

With pre- and post-event recording, you can retain the footage captured before and after an event, ensuring you won't miss a crucial detail. This is helpful if you don't have the hard drive space to be continuously recording.

Automatic Triggers

Automatically record key events without worrying about them being recorded over when a DVR runs out of space. Maneuvers such as a hard brake, stop or turn are automatically recorded and will remain on the DVR to be reviewed. Additionally, an event marker button can be placed in the cab so the driver can manually mark events that don't fall under the automatic triggers.

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Durability

Exterior cameras are exposed to harsh environments, including rain, snow, dirt and mud. Many mobile video solutions cameras are IP69K rated to perform in these conditions and feature 17.3G shock ratings to withstand rough, bumpy roads. The onboard DVRs also feature solid-state hard drives. Unlike hard disk drives, SSDs feature no moving parts or the mechanical failures that come with them, making them perfect for the freight industry.

Radar and Sensors

In addition to a visual view with an in-cab monitor, [radars](#) and [sensors](#) located at the rear of vehicles can be added to give drivers audio cues when an object is too close. Danger areas can be configured to alert drivers from as far as 17 feet.

Mobile video solutions help protect your drivers and your cargo to document that the journey was made safely.

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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