

9 Features to Consider When Purchasing a Mobile Video Solution for Fire and EMS Fleets

Mobile video solutions are becoming more commonplace for first responders. Working in high-intensity environments around emergency vehicles requires a heightened awareness of surrounding areas. Fire departments and EMS service providers need to ensure their workers are following proper procedures, making the accident site a safe place for their employees and others around them.

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

What Features Does a Mobile Video Solution Offer?

Whether your mobile video solution just includes vehicle cameras or also includes body-worn cameras, 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.

Regarding body cameras, where it is located will determine the video that is captured. Place the camera too low on the chest, and you could be recording the ground and missing the action.

It is recommended to place the camera on the outside of a breast pocket to offer the best view. Pro-Vision offers several mounting options, including a magnet mount, garment clip, epaulette mount and more.

The field of view also is an important factor in determining which camera to purchase. The bigger the field of view, the more activity that can be recorded. Most body-worn cameras provide anywhere from 95° to 170° field of view.

continued





Pre- and Post-event Recording

With pre- and post-event recording, you can retain the footage captured before and after an event. This is helpful if you don't have the hard drive space to be continuously recording and can't begin recording before an incident or forget to turn it on after an incident.

Durability

Exterior and body-worn cameras are exposed to harsh environments, including rain, snow, dirt and mud. Pro-Vision cameras are IP69K rated to perform in these conditions and feature 17.3G shock ratings to withstand rough, bumpy roads and job sites. 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 fire and emergency vehicles.

Radar and Sensors

In addition to a visual view with an in-cab monitor, radar 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.



Data Management

Once you start recording footage with your mobile video solution, you'll need a way to organize and categorize the videos. Since you'll be recording hundreds of hours of video, you don't want to spend even more time searching for the footage you need.

Pro-Vision offers an optional video management program, [SecuraMax](#), which is a CJIS-compliant solution that simplifies the data management process and saves time. SecuraMax allows you to request video, blur faces automatically and share footage with individuals either inside or outside your organization.

Enhanced Video Stability

Because the body-worn camera is attached to a mobile person, the field of view is constantly moving. And if a firefighter is battling a fire or attempting to rescue somebody, it can be hard to see what is happening. Pro-Vision's [Bodycam 4](#) body-worn camera features electronic image stabilization technology, which substantially reduces erratic movement in your videos.



RFID Technology

Depending on funding, purchasing a body camera for every single firefighter may not be fiscally possible. Bodycam 4 features RFID Login, which allows body cameras to be easily assigned to firefighters with a scan. Just pick a camera, scan and you're ready to begin. Plus, there's no need to designate a certain camera for each firefighter, as the RFID Login allows any firefighter to swap cameras from shift to shift.

Proximity Activation

Proximity Activation allows body cameras to be automatically activated when within a 30-foot range of another body camera, which helps those who may have forgotten to turn on their body camera and keeps the focus on the situation at hand. Sometimes a situation escalates quickly, and the last thing a firefighter needs to worry about in a life-or-death situation is whether their body camera is on.

From pumper trucks and aerial trucks to rescue trucks and brush trucks, Pro-Vision has the scalable and versatile hardware solution to fit each of your vehicles.

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

8625 Byron Commerce Dr. SW • Byron Center, MI 49315 • USA
p: 616.583.1520 • marketing@provisionusa.com