

## DATASHEET

### HazCam™: High Performance Wireless Video Camera System



**Transmitter Dimensions:** 3" Diameter x 9.5" D

**Receiver:** Pelican® case

**Transmitter Weight:** 3 lbs. Approx

**Power:** Integrated Battery

**Battery Life:** 2 hours

**Transmission Range:** 1000 feet

HazCam™ is an ultra-compact, fully self-contained wireless video system composed of a miniature battery-powered camera with an integrated wireless video transmitter and a receiver for local broadcast of video information. It consists of a very high performance, low light sensitivity and high-resolution camera, coupled with a high performance wireless video transmission system. Its ability to produce excellent image quality in low light situations makes it ideal for covert operations without any extra IR flood light requirements. The camera is conveniently designed to be handheld with an ergonomic handle attached to the bottom of the device.

The HazCam™ transmits video without any wire connection to the recording device, which can be located in the vehicle. The receiver is housed in a rugged Pelican® case with a high performance panel antenna, LCD monitor and a batter pack with charger. The device is easily turned on and off with a switch in the back of the camera. The transmission range between the camera and receiver is an impressive 100 feet, allowing the user to roam freely in a large area.

The HazCam™ system is ideal for professionals in the safety field including law enforcement, fire personal, military, border patrol, coast guard, security, etc. It can be mounted on a tripod in order to monitor chemical, biological or other hazardous situations from a distance of more than 1000 ft with a clear line of sight. In addition, it can be mounted on roving robots for applications in difficult environments. In law enforcement applications, it can be used to both protect officers and citizens by displaying a clear video of the scene. The HazCam™ is a great advancement over the in-dashboard mounted video cameras because it is easily portable and thus gives a closer view.

The HazCam™ system is exclusively available to authorized personnel of the U.S. Federal Government, State Government and local law enforcement agencies (fire and public safety officers only).

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## Applications:

Evidence acquisition  
Traffic violations  
Online recording of inebriated drivers  
Security vigilance  
Mobile video coverage  
Remote surveillance  
Remote video recording  
Hazardous process viewing  
Mounting on robots for applications in hostile environments

Perfect for professional safety fields such as:  
Highway Patrol  
Hazmat situations  
Police  
Sheriff  
Fire Department  
ATF, FBI, CIA, DEA  
INS Border Patrol  
SWAT Teams  
Private Investigators  
Private Security

## Features and Benefits:

Records officer's view of the scene  
Self-contained camera has no external connections  
No need for external battery pack worn on belt  
2 hours of battery life  
1000 feet transmission  
Ergonomic handle  
Compact design

## Architect Specifications:

The unit shall consist of a wireless transmitter (video camera) and a wireless receiver. The transmitter shall be cylindrical in shape and measure 3" diameter x 9.5" D and weigh approximately 3 pounds. The receiver shall be housed in a rugged Pelican® case with a high performance panel antenna, LCD monitor and a batter pack with charger. It shall be capable of transmitting signals from 1000'. It shall have an integrated battery with a life of 2 hours. The camera shall be completely self-contained. It shall have a power switch in the back of the camera. The camera shall be handheld with an ergonomic handle.

The wireless video system shall be a Pragmatic HazCam™.

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