

**ACTIA®**



# ACTIA® CCTV

Mobile Digital Surveillance

*safety on the move*

# Safeguarding drivers, passengers & vehicles

With Actia's *BOP* digital CCTV systems, bus, coach and truck operators have the tool to protect both themselves, their drivers and their passengers. With high quality recording, long storage times and exportable data suitable for evidential use, BOP is the ideal solution to combat anti-social behaviour, vandalism, and fraudulent insurance claims.

## DESIGNED FOR BUS AND TRAIN

BOP has been developed specifically for vehicle use, and is capable of withstanding the rigours of this environment, without any corruption of data through bumps and jolts.

All Actia systems provide great recording quality, large hard disk drives, and a proven record in delivering the security, evidence, and crime deterrent demanded by the vehicle operator.

Many thousand of hours of Actia CCTV footage have been used as evidence in cases of anti-social behaviour, vandalism and contested insurance claims. Indeed, our customers report an incident capture rate in excess of 98% using BOP.

## CUSTOMISABLE CONNECTIVITY

Standard *BOP EQ* is available for up to 8 cameras, while movie quality *BOP HD* offers up to 8 or 16 cameras.

BOP's flexible connectivity offers a range of options to enhance recordings and usage, including telematics, GPS/data-logging, driver's microphone, driver's monitor, Wi-fi depot download, live streaming and passenger information.

Whatever your application or operating environment, BOP can be tailored to suit your requirements.



BOP HD: 400 frames per second (global frame rate)  
BOP EQ: 200 frames per second (global frame rate)  
Secure removable *Slidedisk* hard drives



Multiple connectivity means easy upgrade and expansion  
Range of camera types, resolutions and focal lengths

Event	Time	Date / Time	Location	LAN	Driver	CCTV Status	CCTV Event	Camera Name	Comments
021217 (Event)	11:02:00	10:30:30	South Street, Manchester	LAN	John Smith	OK	OK	John Smith	Head Desk Failure
021217 (Event)	11:02:00	10:40:30	South Street, Manchester	LAN	John Smith	OK	OK	John Smith	Camera Failure
021217 (Event)	11:02:00	10:50:30	South Street, Manchester	LAN	John Smith	OK	OK	John Smith	Camera Failure

Telematics integration for real-time incident alarm, event location and system status - viewed via web server



*"The most advanced and reliable CCTV"*



Reduce Vandalism



Reduce Anti-Social Behaviour



Reduce Insurance Payouts



Increase Passenger Satisfaction



Increase Driver Safety

## INTEGRATED CCTV

With Actia electronics being present on many UK manufactured vehicles, full integration with existing onboard electronics is possible. This offers greater reliability, easier installation and seamless addition of CCTV, with no need to bolt on extra switches or driver's monitor.

In addition, Actia CCTV is designed to be used in conjunction with Actia Eco-Fleet™ Telematics, to provide remote CCTV status monitoring and incident reporting to the fleet manager.

## POWERFUL REVIEWER

Onboard CCTV is much more than a visible deterrent on the vehicle. While its mere presence helps reduce vandalism and anti-social behaviour, the data captured by cameras and (optionally) microphones and GPS/data-logging systems is crucial as evidence in insurance claims, assault or vehicle accident.

Actia's Reviewer software offers a user-friendly solution both for operators who simply want fast access to incident data, and those who wish to make detailed analysis of recorded footage.

Skip through the timeline to quickly identify incident footage, see multiple camera views, audio and vehicle data at once to build a complete picture of an event.

This data is watermarked for evidential use and can be exported to CD/DVD.

*"Our decision to work with Actia to develop their own bus CCTV over the last 6 years has paid off. Because of this, today, Actia has what we believe to be the most advanced and reliable CCTV system in the country."*



**Barry Baxter**  
Director of Engineering  
Nottingham City Transport



BOP Reviewer Software

## CCTV Checklist – BOP gives you more!

- Hardware built to automotive specification
- Powerful reviewer software for viewing footage and data export
- Driver alarm button protects up to 30 minutes incident data
- Removable hard disk drives for rapid and secure data retrieval
- Connectivity: telematics, USB, CAN, Wi-fi, 3G, passenger counting, passenger info
- Full integration available on many vehicles
- Remote incident alarm and condition monitoring\*
- OEM-approved, designed for bus, coach, truck and train use



CCTV on the move

\*available on vehicles fitted with Actia Eco-Fleet™ telematics system

## Who is Actia?

Since it was founded in 1986, the ACTIA Group has developed on the booming market of electronic systems for vehicles and is now a major player in its two principal areas of expertise: firstly, onboard electronic systems for bus and coach, truck, industrial, agricultural and military vehicles; secondly, electronic diagnostics, garage and MOT equipment for repairing and testing vehicles. From designing products, to supporting and servicing them on the ground, ACTIA draws on all its expertise. The Group's ability for innovation is backed by an annual investment of 15% of sales in engineering design, and through the performance of Research & Development units numbering nearly 400 engineers worldwide.

ACTIA have designed their range of onboard digital CCTV products to specifically meet the onboard security needs of the bus and train operator. With over 2000 systems protecting vehicles, drivers and passengers throughout Europe, ACTIA is a major player in the provision of mobile surveillance for vehicle fleets.

## Own Manufacturing

Unlike many of its competitors, the ACTIA Group manufactures many of its own products at two main industrial sites: one in the south of France specialising in technical and complex products in short runs concentrated in particular on the aerospace sector. With more than 3 million printed circuit boards produced a year, the other site, located in Tunisia, focuses mainly on long production runs for the automotive sector.



## Global Resource

Backed by its international network, its Research and Development teams' ability to innovate, and the performance of its production facilities, the ACTIA Group offers its customers global solutions with totally controlled costs, quality and deadlines.



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