



# EVENTGUARD

Deployable Kit



AXIAL  
Technologies

A Division of PLE-Communications

Powered by AVT234<sup>®</sup> Software

## EventGuard VMD Features

- ⊕ AVT234<sup>®</sup> Video Motion Detection Software Engine
- ⊕ Extremely low false alarms on snow, rain, lightening, foliage, sun glints, low lighting
- ⊕ Immediate visual assessment- live video remotely, or emailed image
- ⊕ Easily integrated into existing surveillance systems
- ⊕ Works with all brands of PTZ, Fixed, thermal, IR, Near IR cameras
- ⊕ A-GAS Damage Prevention Module for unattended pipeline protection is available
- ⊕ Meets NERC/CIP physical and cybersecurity regulations
- ⊕ Starts detecting less than 2 seconds after power on
- ⊕ Has passed multiple NERC/CIP audits

## About AVT234<sup>®</sup> Software

The AVT234<sup>®</sup> software engine is at the core of the PLE/Axial product line. AVT234<sup>®</sup> Video Perimeter Surveillance and Intrusion Detection delivers superior outdoor performance in all weather conditions. No zones, camera calibration, or pre-populated databases are needed: AVT234<sup>®</sup> detects on the entire camera view the entire time. Choose from a number of products to fulfill your stationary, mobile or ruggedized perimeter surveillance needs. Low false and nuisance alarms and a high detection rate are promised by many. AVT234<sup>®</sup> delivers.

## Video Perimeter Security Anywhere... Anytime.



When you need to know the REAL threats...in REAL time, the EventGuard Video Security Deployable Kit, powered by AVT234<sup>®</sup> Video Motion Detection, is your real-time defense against human, animal and vehicle intrusions. The EventGuard Video Security Deployable Kit is a rugged, self-contained, rapidly deployable mobile video surveillance platform for temporary or long-term perimeter security. With a superior video detection with a low false alarm rate, the AVT234<sup>®</sup> Video Motion Detection adapts to the environment "on the fly", dramatically reducing false alarms from snow, sand, sun glints, lightning, and trees.

To protect right-of-ways, the A-GAS Damage Prevention module generates an alert only when a detected object stops and pauses within a protected zone. Differentiated alerts from the VMD and the A-GAS reside on the same server, and cameras can be individually designated.

EventGuard Video Security Deployable Kits are customized for specific applications. Available options include solar power, wireless communications, any brand and type of camera, remote viewing, and remote control of cameras and controls.

The EventGuard Video Security Deployable Kit is ideal for construction site protection, pipeline damage prevention, private security and parking lot security, and other temporary mobile video surveillance needs.

Securing your perimeter and assets has never been this simple.

**Watch. Identify. Respond.**

## Additional EventGuard VMD Features

- The A-GAS Damage Prevention module can be added to any EventGuard product to protect underground gas and oil pipeline right-of-ways and construction sites from third party damage. VMD and A-GAS can run simultaneously on the same server and cameras are individually configurable for either VMD or A-GAS.



**A-GAS Damage Prevention module alerts on backhoe but not on traffic.**

- Meets NERC/CIP 006-05 Physical Security and NERC/CIP 006-03 Cybersecurity Requirements
- Alarms can be sent via email, serial relay, and XML, and can be audible at location
- Remote access available over network via VNC and SSH
- Works with all brands of fixed, PTZ, video, thermal, IR, Near IR, long-range and wide area cameras
- PTZ zooms in automatically on alarm
- Detects on the entire camera field-of-view, no zoning out or camera calibration required
- Horizon Line feature provides alert range and target track estimates

## Deployable Kit Options



Deployable Kits are customized to each application. Typical Kits include the AVT234 video motion detection server, slide out monitor, keyboard, mouse, 2-4 cameras, 1-2 camera tripods, camera cabling (if needed), and vehicle charger, enclosed in ruggedized cases. AVT234 can be remotely viewed via wifi, cellular and satellite.

## Server Specifications

<b>Available Configurations</b>	Up to 8 Camera feeds per AVT234 <sup>®</sup> AVT234 <sup>®</sup> or AVT234-SE (Secure Edition) With or without A-GAS Damage Prevention module All products can be customized for specific applications
<b>OS</b>	Linux
<b>NIC</b>	100/1000 Ethernet
<b>Inputs/Outputs</b>	3 x RS-232, 1 x VGA, 2 x RJ45, 4 x USB, 4-8 video ports
<b>BNC Input (NTSC/PAL)</b>	PCIe frame grabber 4 port video capture
<b>Dimensions</b>	mm: 482.6 x 431.8 x 88.8 inches: 19 x 17" x 3.5"
<b>Weight</b>	12.7kgs / 27.9lbs
<b>Input Voltage</b>	120 VAC
<b>Cooling</b>	Middle: 2 x 80 x 25mm fans Rear: 1 x 97mm blower
<b>Tested Outdoor Temp</b>	32°F (0° C) ~ 122°F (50°C) Overheat and low voltage protection
<b>Tested Humidity</b>	5% ~ 95% non-condensing
<b>Standards Met</b>	US Air Force Certified PL 1-4 Intrusion Detection System Uses SEIWG-ICD-0101B VMD for XML Exchange AVT234-SE is Certified to meet NIST 800-53 Cybersecurity Risk Management Standards Meets NERC/CIP 006-5 Physical and 006-3 Cybersecurity requirements
<b>Integration</b>	Integrates with multiple NVR and annunciator display systems Cameras: Fixed, PTZ, thermal, IR, Near IR, long-range, wide-area, any brand
<b>Alarming</b>	Can be sent via email, serial relay, and XML, and is audible at location
<b>Accessibility</b>	Locally, and remotely via VNC or SSH



The AVT234<sup>®</sup> Horizon Line feature provides range and target estimates using proprietary calculations in place of need for range finders or GPS inputs.



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