

Powered by AVT234[®] Software

Reconisense VMD Features

- ⊕ AVT234[®] Video Motion Detection Software Engine
- ⊕ Up to 99% probability of detection
- ⊕ Extremely low outdoor NAR/FAR
- ⊕ Immediate visual response
- ⊕ Securely connects to tactical battlefield network
- ⊕ Certified PL1-4 Intrusion Detection System (Air Force)
- ⊕ Has ITAR Commodity Jurisdiction
- ⊕ Works with all brands of PTZ, Fixed, thermal, IR, Near IR cameras
- ⊕ Starts detecting less than 2 seconds after power on
- ⊕ Horizon Line feature provides alert range and target track estimates

About AVT234[®] Software

The AVT234[®] software engine is at the core of the PLE/Axial product line. AVT234[®] 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[®] 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[®] delivers.

Military Asset Video Security Anywhere... Anytime.

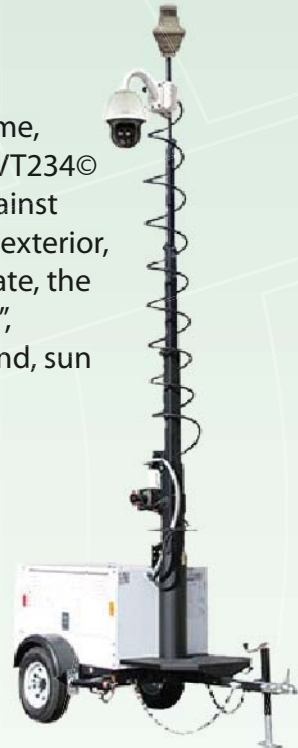
When you need to know the REAL threats...in REAL time, the Reconisense Video Security Trailer, powered by AVT234[®] Video Motion Detection, is your real-time defense against human, animal and vehicle intrusions. With a rugged exterior, and superior video detection with a low false alarm rate, the AVT234[®] VMD adapts to the environment "on the fly", dramatically reducing NAR/FAR alarms from snow, sand, sun glints, lightning, and trees.

The Reconisense Video Security Trailer is a secure, self-contained, rapidly deployable mobile video surveillance platform for temporary or long-term perimeter security.

Reconisense Video Security Trailers 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 Reconisense Video Security Trailer is ideal for mobile military applications, emergency perimeters, law enforcement and other mobile video surveillance needs.

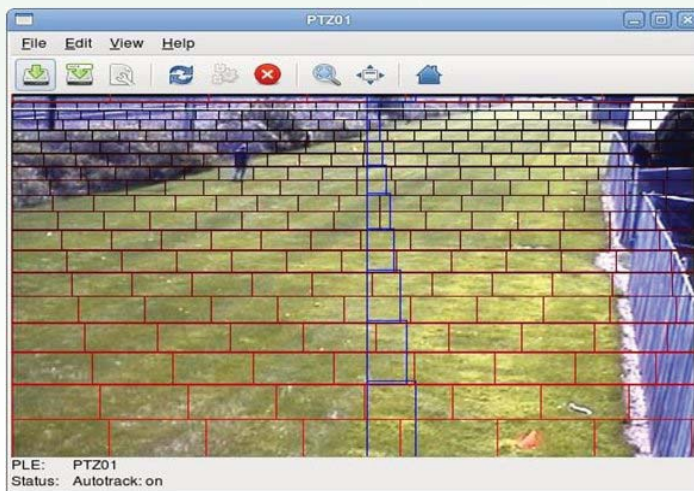
Securing your perimeter and assets has never been this simple.



Watch. Identify. Respond.

Additional Reconisense VMD Features

- ⊕ Low false alarms on snow, rain, lightning, foliage, sun glints, low lighting
- ⊕ US Air Force Certified PL 1-4 Intrusion Detection System
- ⊕ Uses SEIWG-ICD-0101B VMD for XML Exchange
- ⊕ Alarms can be sent via email, serial, relay and XML, and can be audible at location
- ⊕ Up to five cameras/imagers per AVT234[©] trailer
- ⊕ PTZ zooms in automatically on alarm



The AVT234[©] Horizon Line feature provides range and target estimates using proprietary calculations in place of need for range finders or GPS inputs.

- ⊕ Remote access available over network via VNC and SSH
- ⊕ Detects on the entire camera field-of-view, no zoning out or camera calibration required
- ⊕ Works with all brands of fixed, PTZ, video, thermal, IR, Near IR, long-range and wide area cameras
- ⊕ The AVT234[©] is on the Air Force Approved Equipment List (AEL) and can be found under IDS as "PL&E Communications, AVT243[©] (VMD)"

Video Security Trailer Options

Cameras: Up to 5 cameras of any brand and type (ex. thermal, IR, Near IR, Fixed, PTZ)
Can use any NVR/DVR/ VMS system
Mast: 25'-30' extended height, manual or electronic operation
Long term remote operation with solar panels and battery bank
Can be remotely viewed and controlled using iPhones, Android phones, laptops, and desktop computers
Remote camera control and monitoring via wifi, cellular or satellite
Hi-intensity white light or infrared operated via timers or remote control
AVT234, NVR are in environmental control rack
Locking doors
Onboard shock sensor to detect trailer tampering
One-way or two way audio
Cellular Booster
Microphone/Speaker kit
Emergency lights/ Rotating Red and Blue lights/ Siren
Power: Diesel generator, Solar panels with battery bank, Deep-cycle batteries, Fuel cells, Standard outlet

Server Specifications

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



AVT234[©] can detect, alert on, and follow multiple objects, and has proven accurate even with split-merge and occluded objects.



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