



BEWARE!

**NOT ALL BODY WORN CAMERAS
ARE THE SAME**

Introducing REDHAWK VDO

Expensive proprietary body worn systems and storage lead to significant financial challenges. With DIMS and REDHAWK VDO, **no 5 year contracts** to lock you into old technology and your Agency owns the management software and systems. Although Linear Systems DIMS software supports virtually ALL body worn devices, this is the only camera that meets our stringent requirements for technology, security, performance, price, and support. If your body worn solution bankrupts your Agency or does not effectively protect your Officers/Deputies, then the project is a failure. DIMS and REDHAWK VDO is a one source solution for digital evidence management that is scalable to any size Agency, upgradeable, and affordable.



HOW DOES YOUR BODY CAMERA COMPARE?

Choose the Correct Minimum Hardware Expectations

Entirely self contained, no external batteries, cameras, cables to get tangled in.

Designed and manufactured for United States Law Enforcement Agencies.

1920x1080/1280x720/720x480 at 30 fps:

Record video for the whole shift AVMP4 H.264 compression
Record individual events with 20 sec pre-record option

Invisible to the Eye, 6-Element Infrared Illuminator:

Allows for recording even in total darkness
Administrator configurable for on/auto/off

Attach to radio for Speaker Microphone:

Connects to any two way portable radio using an optional cable accessory. May also draw power off the two-way radio if radio is capable of this function

Built-in GPS:

No external modules on service belt, loose cables to get tangled in, or external antennas

Waterproof 14 pin connector:

Used for Power/USB, in-car docking station used with dashboard/single dock mount, with firmware upgrade/access and connection to two way radios as a conventional speaker microphone

Multi-position vest/epaulet clip

Built-in 2.5" LCD

18-Month Warranty Standard

Options:

Analog Output to TV Monitor, HDMI output, USB port output
Available model with detached camera, built-in Wi-Fi/ 4G-Wi-Fi
Upgrade to 2-Year Warranty

Wide-angle lens with built-in IR cut

Mechanical filter:

Allows for recording in low light situations, complementing the built-in infrared illuminator

170° field of view (same as a human sees with both eyes)

Still camera with built-in LED Flashlight

16 Mega-pixel camera can take high-res still photos while still recording video

Push to talk button for microphone

Built-in microphone with clear audio and no RF interference
Microphone cable adds stability of the camera when running

User Accessible Battery Compartment

No need to remove the Body Camera from active service. Simply exchange the exhausted battery with a replenished one. (sealed Body Camera unit also available)

Records for 9-10-12 hours on one charge, no need for external battery on service holster

Reduce your cost of ownership: recorders may be shared at shift changes: do not need to take a recorder out of service as with other brands and put on charge and out of service a recorder for 4-6 hours, simply change out a battery

Single Body Camera Station Dock

For in-car dash mount application using the Body Camera as a Police In-Car Video Recorder. Also may be used for wired, wireless Wi-Fi Connection or as an Internal Battery Charging Station



LINEAR SYSTEMS



How is captured data/evidence acquired, managed, logged, stored, classified, retrieved, distributed, archived, and deleted?

A review on the process and technology

Linear Systems DIMS and ImageServer. Over 26-years of development, Linear Systems has created a highly automated secure proven "backend" solution and application interface to effectively manage the acquisition, network transfer, secure redundant storage, and controlled distribution of photos, audio, and video from body worn devices, Crime Scene, Patrol, Laboratory, Interview Rooms, or data from Specialized Units in the Department using your existing network infrastructure. Additionally, DIMS is designed to integrate with other in-house Law Enforcement databases to provide a bidirectional data exchange, such as CAD, RMS, LIMS, physical property and evidence, or others. DIMS includes a process for complete chain of custody, log tracking, and audit trail that manages from acquisition to archive, from crime scene to court room. DIMS is nondestructive and never overwrites or compress evidence. Another significant concern is the amount of time and resources required to process body worn evidence and DIMS supports automated tools for distribution on encrypted disc or viewing by web browser and extraction, redaction, and editing of video and/or audio. Linear DIMS and ImageServer support local storage, distributed storage, private Cloud storage, or 3rd party offsite Cloud storage or a hybrid storage solution. DIMS is compliant with all current body worn devices and will be capable of integrating with future devices. Choosing a proprietary backend management solution will lock your Agency into a specific vendor, hardware, and will be prohibitively expensive or impossible to migrate to another device or system.

Linear Systems DIMS and REDHAWK VDO body worn cameras are a safe and secure long term investment.



HOW DOES YOUR BODY CAMERA DATA MANAGEMENT SYSTEM COMPARE?

Typical system configuration—highly automated—easy to use—easy to manage

THE BODY CAMERA AND BACKEND SOLUTION MUST BE AFFORDABLE, SCALEABLE, SUPPORTABLE, EASY TO USE, SECURE, AND HARDENED!

Data collection using Body Worn Camera: (Audio/Video/Still Images) with embedded GPS:

DIMS REDHAWK VDO can record continuously for the whole shift or record and tag incidents.

Data Acquisition/Storage for Evidence and unclassified information:

Acquire assets from in the Patrol Unit, on a single dock, or on a 12 or 20 unit Acquisition Kiosk.

Transfer data directly into a large repository for withdrawal and classification in the future.

Or transfer evidence into DIMS for classification by the Officer/Deputy with unclassified data stored in a large repository.



Single Dock



Acquisition Kiosk 12 bay



Linear Systems DIMS is used in over 500 Law Enforcement sites:

Need an affordable turn-key solution that can handle all your information and evidence collected in the Department? DIMS can handle Crime Scene photos, (including RAW files from over 280 camera models for comparative analysis), Patrol point and shoot cameras, in-car video, interview room video, jail video, Polygraph, CCTV video for forensic analysis, City based surveillance systems, transportation video (bus, train, platform), 3D/VR crime scene scanners, FLIR video and metadata from helicopters, 911 audio, digital pocket recorders, iPhone, Android, and Windows smartphone data, Crime Scene and accident diagrams, Forensic Artists, documents, spreadsheets, PDF files, fingerprint and palm print files, data from specialized units (IA, Narcotics, Intelligence, Gang, Crime Laboratory, SWAT, Bomb Arson, or Public Relations), and **body worn video from any device**. DIMS controls output information/evidence to any authorized personnel with permissions using the DIMS Web Viewer with unlimited users and unlimited concurrent users, including Prosecutors or other Agencies. DIMS accomplishes this without having to purchase extensive expensive network infrastructure upgrades or Internet access fees.

DARE TO COMPARE!



Shouldn't your body cam work a full shift like you do?

- ⇒ 8-10 hours record time on a single internal battery.
- ⇒ 15 hours standby capability on a single battery.
- ⇒ Field replaceable battery for additional capability.
- ⇒ 32GB internal memory for 15 hours of video storage upgradeable to 64GB.
- ⇒ H.264 compression for quality video with small file size.
- ⇒ Ability to "tag" portions of video while recording for scenes/incidents of interest.

Is the weather forecast sunny, warm, and no rain?

- ⇒ Shouldn't your recorder work in the same environment that you do?
- ⇒ Recorder has a IP-56 rating for -22° F to 155° F working temperature.
- ⇒ Camera is water resistant, dustproof, and shockproof.



Did you see what I saw? (Check your camera's specs).

- ⇒ I based my decision on what I saw, not what the body worn camera captured.
- ⇒ Field of view is V/170°xH/130° which is the same as a human using both eyes.
- ⇒ 1920x1080/30 fps, 1280x720/30 fps, 720x480/30 fps AVMP4 H.264 configurable.
- ⇒ IR illuminator can be disabled to more accurately emulate human vision.
- ⇒ .05 Lux sensor closely emulates the visible perceptible light from the human eye.
- ⇒ Video and still photo playback on LCD screen.
- ⇒ Turn on LCD live video to "look around corners" for Officer/Deputy safety.



Cloud Storage: not all clouds are fluffy! (Some are dark and scary when you read the fine print.)

- ⇒ Do you really want your data in a remote Cloud storage location that you don't have control over or physical access to?
- ⇒ If you decide not to update your contract, how are you going to get hundreds of Terabytes or Petabytes of evidence out of the Cloud to your servers?
- ⇒ Do you really want uncontrollable storage costs that grow exponentially as evidence/incidents are saved for long term storage and archive?
- ⇒ Do you have security concerns with liability by saving sensitive information offsite and vulnerable to hackers? (IRS admitted being hacked today 5/26/15).
- ⇒ Do you want to be locked into a proprietary solution that requires renting of Cloud storage and that excludes other manufacturers/models of body worn devices?
- ⇒ Can you afford the long term costs associated with Internet access and upgrading existing network infrastructure?
- ⇒ Do you want to pay for everything that you put in the Cloud, take out of the Cloud, or delete and the inevitable increased costs at the end of the initial Contract?
- ⇒ Does your Cloud storage provider modify and compress your evidence or provide nondestructive enhancement with full audit trail and chain of custody?
- ⇒ Do you want a solution that can handle all your digital evidence/information, ie: Crime Scene, in-car, CCTV, Interview Rooms, 911 audio, and proprietary data?

"All 5-years of your evidence may be "safe" in the Cloud but you have no way to retrieve all of it, and if you think that they are going to keep it for you without you paying, better read your Contract. This is a one way Contract with no way out headed for total loss of your long term evidence."