



Body Cameras in Corrections

Evolution of Body Cameras in Law Enforcement

In July 2013, the Police Executive Research Forum, in coordination with the United States Department of Justice, conducted "an informal survey of 500 law enforcement agencies nationwide" on the use of body-worn cameras. According to the survey, less than 25% of those departments used body-worn cameras at that time.

Fast forward just over five years and more than half of all medium-to-large police departments in the United States now use or are testing body-worn cameras in a pilot program.



The scale of adoption of body cameras by police departments has been stratospheric in recent times. Where they may have originally been led, in part by increased police scrutiny; body cameras have gone on to deliver multiple benefits.

A study in Rialto, California found that over the course of a year, shifts that included body cameras experienced half as many use-of-force incidents (including the use of a police baton, Taser or gun) as those shifts without cameras. Significantly, the number of complaints filed by civilians against officers also declined - down a whopping 90% compared to the previous year.



Body Cameras for Corrections

It is no surprise then, that body cameras have now found themselves becoming an integral tool in corrections as well.

The incidents you find on the streets - including false allegations - also occur within the corrections space. The need for evidentiary material is just as important.

Research has proven that body cameras can modify behavior through an 'observer effect': the awareness that encounters are recorded improves behavior and officer procedural compliance.

Individual officers become more accountable, and modify their behavior accordingly, while the more disingenuous complaints are proven frivolous once footage is revealed.

**Dr Barak Ariel, -Criminologist,
University of Cambridge.**

Corrections facilities ranging from local jails to maximum security prisons all over the world are now adopting body cameras to achieve these same benefits.

Making a Difference in Corrections

After the termination of a corrections officer for alleged sexual harassment of an inmate, Stephenson County, Illinois bought body cameras for all their corrections officers, *“for the protection of the officers as well as the protection of the inmates — it works both ways”*.

Hong Kong Correctional Services use body worn cameras to assist their staff in handling ad hoc incidents during routine work, such as

incidents that involve violence, contrabands, self-harm or resistant behavior, etc. within penal institutions and its visiting areas.

In Australia, Brisbane Correctional Centre has rolled out body worn cameras after complaints from union officials of increasing assault rates in prisons. Their aim is to use the cameras to keep staff safe, help filter allegations from prisoners, but also provide reliable evidence in legitimate cases.

Improving inmate & staff behavior

“Once inmates notice we have body cams, they are less likely to be violent, it’s a win-win for staff as well as the community.”
Tulare County Sheriff’s Department

For corrections officers working in an environment of heightened tension, body cameras can help by deescalating potentially violent situations; helping inmates improve their behavior and reducing the need for use of force.

“The frequency and intensity of assault events is reduced, and the likelihood of physical force being required to resolve incidents is reduced.”
**Department of Corrections,
New Zealand**

Greater Transparency

“I think cameras can protect the public against officer misconduct, protect the officers against unfounded allegations, and help restore trust and confidence in law enforcement and public institutions generally.”
Santa Clara County Sheriff

Body cameras can improve transparency in corrections by providing an independent account of what really happened. This also helps in deterring false claims and reducing unnecessary litigation and liability.

“This (BWV) not only protects detainees or inmates, it also protects our officers.”
**Prince George’s County Department
of Corrections**

In the Corrections world body camera footage can also be used to enhance training among correction officers, ensuring best practices are in place for the overall safety of both inmates and officers.

Setting up a Body Camera Program

When considering a body worn camera program, the first step is to understand that a holistic body camera program depends on finding the right camera, complemented by a strong digital evidence management software (DEMS), managed on a suitable storage solution - all of which suit your individual needs.

Body cameras can vary depending on functionality, storage, battery time, features and pedigree.

Once you've decided the number of cameras needed for your facility, the next decision is around what happens with the footage your cameras record. There are two options when it comes to storing the data the cameras generate - managing it locally, on servers in the actual premises of your facility or on the cloud, essentially servers across other

locations which are remotely managed for you.

Policies and Evidence Management

It is important to communicate to correctional officers that body cameras aren't there to micro-manage, but to aid in de-escalating tense situations and to provide an independent account when needed. Having suitable policies in place around retention of footage, when to switch on body cameras, etc. are enormously beneficial in setting up a successful body camera program.

A robust DEMS is also instrumental in reassuring officers and inmates that data is managed properly with appropriate audit trails and security controls; it also means any footage is evidentially safe and fit for court, if needed.



Reveal Body Cameras: Leading the Way in Corrections

Reveal has been making award-winning, smart, efficient and secure body worn video systems for over a decade. With customers in over 40 countries, our commitment has been to lead the way through collaboration and innovation.

Reveal works with corrections customers across the globe to deliver a solution that is tailored to suit the needs of this specific area of law enforcement.

Some of our corrections customers include New York Department of Corrections, Hong Kong Correctional Services, Her Majesty's Prison Parc Wales, Her Majesty's Prison Altcourse in Liverpool, Her Majesty's Prison Birmingham, New Zealand Department of Corrections, Maine Department of Corrections.



“ They are highly beneficial just for the simple fact when interacting with inmates they have a different demeanor when they see a deputy with a bodycam and the simple fact they may be recorded. They have limited complaints against deputies and have been beneficial for reviewing incidents. We highly encourage the use of bodycams in the corrections side of law enforcement.

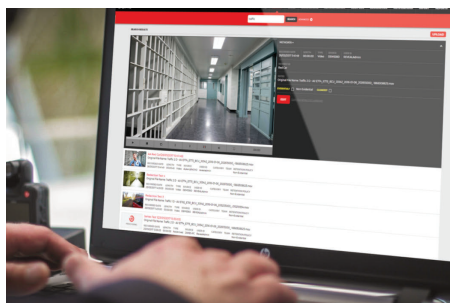
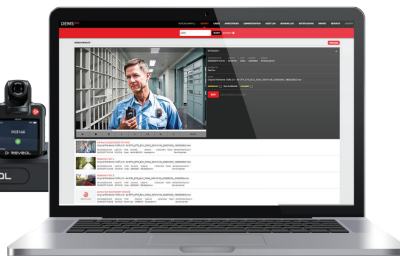
Sgt. C. Gudmunson, Fremont County Sheriff's Office



Reveal D-series Body Cameras and DEMS 360



Reveal's D-series body cameras are the most advanced body cameras in the world and with its future proof features, it is best in its class across video quality, battery life, functionality and ease of use. Coupled with DEMS 360 - our most advanced digital evidence management software - Reveal offers an unrivalled turnkey solution.



Model Variations

To give our customers choice of features and budgets we have designed two cameras, the D5 with WiFi connectivity and the D3 without.



	D3	D5
Memory	32GB	64GB
12 hour battery	✔	✔
Ultra low light	✔	✔
Ruggedized casing	✔	✔
AES-256 encryption	✔	✔
Live streaming		✔
GPS aware		✔

Signature Reveal Body Camera Features



Articulated camera head

The camera head can be rotated to allow it to be worn by people of all shapes and sizes as well as across a variety of mounting options. Being able to rotate the camera head also adds versatility, enabling it to be used as a handheld camera for cell searches, an interview recorder and an in-vehicle camera.



One touch record

Our intuitive red sliding switch is a single, quick and simple action that confirms activation by the physical position change on the camera. Correctional officers are able to easily slide the switch down on, making it easy to start recording quickly whenever needed.



Front Facing Screen

This unique Reveal feature has a proven calming effect on people being recorded and can deter aggressive behavior while maximising transparency with the inmates. When appropriate, the screen can also be turned off.



AES encrypted Security

Reveal was the first manufacturer to introduce AES encryption in a body camera, so security has been at the heart of our products for a long time.

Built for the future

Live Stream*

High quality video can now be live streamed for enhanced situational awareness in emergencies, with the potential to completely transform incident handling outcomes. Correction officers can double tap the D5 to start live streaming an incident, which can trigger an automated alert to notify authorized personnel who can watch the live footage through DEMS 360 and provide assistance as necessary.

*Live stream performance dependent on network connection, bandwidth and network stability



12 hour battery life

The D-Series can record for over 12 hours* which means the Pre-Record feature can be used through an entire shift – ensuring any important events can always be captured.

With the Pre-record feature active, rolling footage is captured in a buffer of 30 or 60 seconds. When the one touch record is activated, this buffer is added to the start of the recording ensuring the events leading up to the incident are captured.

The Pre-record feature can be configured so that audio is muted during the 30 or 60 second buffer.

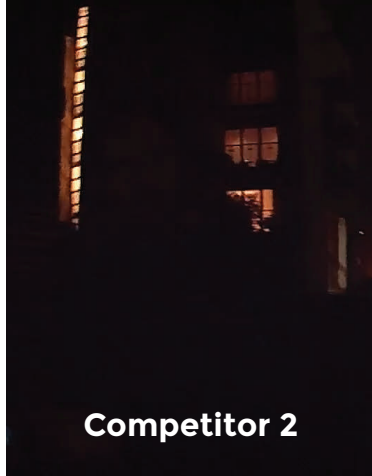
*12 hour battery - footage recorded at 720p, with screen on.

*15 hour battery - footage recorded at 480p, with screen off.





Competitor 1



Competitor 2



REVEAL

Ultra Low Light

The D-Series have been designed to optimize low light performance so that the camera captures high quality video even in dimly lit areas, where CCTV can let you down. But by not using infra-red technology, the D-series will always only provide a true account of what the officer saw.



DEMS³⁶⁰

Simply manage all your digital evidence. Anywhere.

DEMS 360 is our most advanced digital evidence management solution that allows you to manage not just your body camera footage, but all media types i.e. documents, pictures, CCTV footage, etc.

Available on cloud or on premises, you have full flexibility in choosing a storage platform right for you.

And with our experience in setting up successful deployments for correctional facilities ranging from jails with less than 10 cameras to DoCs with thousands, we can build a solution tailored for you.



Accessories

Mounts

We supply a range of mounts for different user environments, uniforms, body types or personal preferences; including shoulder mounts, magnet mounts, shirt clips, harnesses and helmet mounts.

Docking Stations

The D-Series can be placed in a 6 camera docking station for automatic video upload and battery charging. 3 docking stations can be connected to a PC for access to 18 cameras at once.

The Smartdock allows docking of up to 18 cameras without needing a PC, or the D-Series can be individually connected with Micro USB.

Advanced Digital Evidence Management.Simplified.



All your evidence

You can now securely store all your digital evidence, across media types, in one place – be it body camera footage, audio, documents, or pictures; ensuring efficient evidence management.



Retention Policy

Take complete control over how you categorize videos and their retention policies. Retention policies allow you to automatically set footage for auto deletion based on its category. Anything that is not categorized is automatically deleted from the system after a set period, saving you time, keeping the system tidy and preserving important footage.



Audit Trail & Security

Every action in DEMS 360 is recorded in the audit log, which means no action goes untracked. Custom user levels restrict access only to authorized users, and everything is password controlled.



Evidentially Safe – fit for court

A digital fingerprint on every file verifies the evidential integrity of video from the moment it is captured to the moment it is shown in court.



Automated Redaction

Simple and easy to use, the built-in redaction tool enables officers to obscure individuals,

overcoming data protection and privacy concerns. The automated redaction tool recognizes and selects faces from the body camera footage, enabling officers to efficiently obscure faces as needed. It can also be used to redact audio, license plates or any other private information with a few clicks.



CJIS ready security and privacy

From the camera to the court room, DEMS 360 keeps all your evidence totally secure through industry leading encryption, access restrictions and storage infrastructure.

Reveal is committed to being compliant with the FBI CJIS Security Policy, as well as working with all CJIS Systems Agencies (CSAs) to ensure that all criminal justice information stored meets security requirements and controls.



Hosted anywhere. Access everywhere.

You can choose to have your DEMS 360 instance hosted on premises or on our secure cloud server. When stored on the cloud, DEMS 360 is available on the web, so you can securely log in on any device with internet, which means all your digital evidence is accessible wherever you need it to be – at the correctional facility, in the field or in court. And because it's stored on Tier 3 or 4 servers, you can be sure that your evidence is hosted on world class infrastructure.

D-Series

Specifications

RECORDS:

Video: MP4

Audio: AAC (Audio optional)

RECORDING RESOLUTION:

1080p, 720p, 480p

25 or 30 frames per second

VIDEO ENCODING:

H.264 (multiple rates)

MEMORY:

D5: 64GB, D3: 32GB

SCREEN:

2" color LCD

BATTERY:

Lithium Ion Polymer
(3,940mAh)

CHARGE TIME:

5 hours

CONFIGURABLE ALARMS:

Audio and Haptics (power on/off, record start/stop, recording reminder, mark/unmark as evidential, picture taken, low battery and low memory)

WEIGHT:

5.46 oz

WARRANTY:

12 months

CHARGING:

USB (BC 1.2)

ON-SCREEN DISPLAY:

Time, date, resolution, frame rate, microphone mute indicator, recording indicator, ongoing recording length, memory available (GB), battery level (%), evidential recording indicator, WiFi Indicator and Bluetooth Indicator

WIFI:

802.11 (a/b/g/n)

2.4GHz and 5.8GHz

PROTECTION:

IP65

CERTIFICATIONS:

FCC CE RCM RED

ARTICULATION:

305° horizontal, 173.5° vertical

CONNECTIVITY:

MicroUSB, USB 2.0

WIDE FIELD OF VIEW:

110° horizontal, 50° vertical

LOW LIGHT

0.05 Lux (30fps)

TEMPERATURE RANGE:

Storage: 14°F to 113°F*

Operating: 14°F to 113°F*

Charging: 50°F to 113°F

v1.8

* D-Series cameras operate down to -4°F if powered by a suitable external USB power source (e.g. Power Bank) working at a suitable temperature (e.g. inside a jacket).

All product, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.

Some features require additional Licensing or Subscriptions.