

WIRELESS SURVEILLANCE EDGEVIS BODY WORN

SECURE REAL-TIME VIDEO STREAMED FROM INTEGRATED CAMERA

EdgeVis Body Worn provides access to live video streams or recorded video while personnel are still out in the field – putting decision-makers in control and enabling an immediate response.

Know where assets are deployed and see what they see with ultra-reliable video streaming and live GPS data from an integrated BW500 camera, even when network conditions are poor.

With our bodyworn video-streaming solution there is no need to wait for a camera to return to base, hours after other footage is already spread on social media, or be restricted by limited video export options.

EdgeVis Body Worn offers real-time situational awareness with secure, live streaming from wherever the assignment dictates. With the world's leading platform for video distribution over limited bandwidth networks, you control the data and can view in your VMS (including Milestone), or on an EdgeVis-enabled device.

It's just like being there:

- Real-time, common operating picture, allowing live consultation with control room, supervisors and other agencies
- Ultra-resilient, real-time video and audio streaming over cellular, from as low as 9Kbps
- Precise location and real-time asset coordination
- Capture, enhance and share operational data such as stills and video in real time even when network conditions are poor
- Extract high-res images to scrutinise individuals/areas of interest

High definition recording:

- Back-end interface with facial recognition, automatic number plate recognition and other analytics
- End-to-end government-grade security
- Control of data costs – around 60% less bandwidth used compared to other standards-based systems

Not all video-streaming solutions are created equal:

Conventional video codecs, such as H.264, are not designed for transmission over constrained networks, typically suffering from image break-up or latency, but EdgeVis Body Worn offers ultra-reliable real-time, low bandwidth streaming from anywhere to anywhere as well as high-res recording.

Ready for integration:

- Scalable, from one body-worn asset to unlimited devices
- Designed for easy integration into third-party systems

All data stays with you:

- Ground-up design to be hosted within an organisation's network
- Government-grade security architecture

Increases user safety:

- Be there with them, hear and see what they see
- Change public behaviour when they know video is being shared live

Improves efficiency and speed of response:

- Send appropriate resources based on visual intel
- See where every asset is based on live GPS
- Access recordings before the asset returns

Reduces cost and behavioural risk:

- Record less "just-in-case" video, watch what matters live
- Users will be mindful of remote supervision



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Operational domains

EdgeVis Body Worn is ideally suited to mission-critical surveillance by law enforcement, border security, and defence organisations, as well as emergency responders, transportation agencies and commercial security/communications services providers.

EdgeVis mobile cameras allow viewers to access full HD stills of any moment in the video stream.

Experts can review HD images of key detail to: determine structural safety, assess fires, and provide any other advice relevant to an emergency.

At the same time the viewer maintains situational awareness with continuous access to the live stream from the camera.

Commanders in the field and other authorised users can be given access to the video in real-time and while on the move.

Having a view of the incident as they head towards the scene can be the difference between arriving prepared or needing to spend time assessing a situation on arrival, introducing critical delay to operations.

Key Features

- 4G LTE Body Worn Camera
- Streaming of high quality, low latency, real-time video and audio at bandwidths as low as 9Kbps
- Live GPS location transmitted alongside video stream
- Highly efficient re-distribution of real-time surveillance to multiple users simultaneously with end-to-end encryption
- 1080P FHD video recording
- 120° field of view
- IP67 waterproof and dust-proof
- 2.0" LCD Touch Screen
- Shock & corrosion protection
- 2M drop test
- Secure chain of evidence
- Proven evidence management platform

TECHNICAL SPECIFICATIONS		
GENERAL	Product series	EdgeVis Integrated Bodyworn 10
	System	Android 5.1, 1GB RAM
	LCD	2.0 inch TFT LCD, capacitive touch screen (240x320) Full field white test, max. brightness 600cd/m2
	Sensor type	CMOS
	Field of view	Horizontal angle >120°(with distortion correction)
	Memory	32GB built-in TF memory, RAM 1GB, TF card up to 128GB
	Microphone	Built-in, c. 2.5mm
	USB	Mini USB2.0
WIRELESS TRANSMISSION	3G/4G Real-time transmission	TDD LTE: Band 38 (2570-2620M), Band 39 (1880-1920M), Band 40 (2300-2400M), Band 41 (2496-2690M) FDD LTE: Band 1 (UL: 1920-1980M, DL: 2110-2170M), Band 3 (UL: 1710-1785M, DL: 1805-1880M). WCDMA: Band 1 (UL: 1920-1980M, DL: 2110-2170M), Band 2 (UL: 1850-1910M, DL: 1930-1990M), Band 5 (UL: 824-849M, DL: 869-894M) TDSCDMA: Band 34 (2010-2025M), Band 39 (1880-1920M) EVDO: BCo (UL: 824.025-848.985M, DL: 869.025-893.985 M)
	Wi-Fi	Wi-Fi, 802.11b/g/n, 2.4G/5G dual band
	GPS position	GPS, Galileo and GLONASS
PHOTO	White balance	Auto
VIDEO	Video recording time	Up to 8 hours
	Image resolution	1080p
	Video transmission	Integrated EdgeVis video transmission
	Video record	1080p
	Video format	Secure recording format with built-in encryption and watermarking
	OSD language	English
OPERATION / UI	Battery	3050mAh lithium polymer battery (4.35V), replaceable
	Ingress protection	IP67 (GB4208-2008)
	Drop test	2 metres
MECHANICAL	Charging method	Special adapter, charging with USB or vehicle DC 5V, 1000mA
	Working temperature	-30°C to +50°C / -22°F to +122°F, RH<90%
	Weight	167g/0.368lbs (only device body)
	Dimensions (L x W x H)	100 x 60 x 24.4mm / 3.94" x 2.36" x 0.96"



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