

WIRELESS SURVEILLANCE EDGEVIS BODY WORN

SECURE REAL-TIME VIDEO STREAMING OVER 2G/3G/4G AND WIFI

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 body worn 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 over 2G/3G/4G and WiFi from anywhere, anytime. 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.

Key Features

- Encrypted Live streaming over cellular (2G/3G/4G) and Wi-Fi
- Ultra-resilient, real-time video and audio streaming over cellular, from as low as 9Kbps
- End-to-end government-grade security
- Control of data costs – around 60% less bandwidth used compared to other standards-based systems
- Emergency alert button with live GPS location and mapping
- 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
- View video from anywhere and view multiple feeds at one time
- Easily scalable from one body-worn asset to unlimited devices
- Fully auditable Evidence Management System
- Designed for easy integration into third-party systems
- Software upgradable to add facial recognition, automatic number plate recognition and other analytics
- Flexible model – cloud or self-hosted

Operational Domains

- Frontline law enforcement, tactical units, border security and defence organisations
- Other first responders including paramedics, fire and emergency services
- Security personnel including manguarding of commercial premises, transportation hubs and critical infrastructure
- Employees in retail outlets including supermarkets, local stores
- Lone workers and delivery drivers including post, parcel and CVIT workers

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. EdgeVis Body Worn uses TVI video technology instead to offer ultra-reliable real-time, low bandwidth streaming from anywhere to anywhere.



TECHNICAL SPECIFICATIONS

GENERAL	Product series	EdgeVis Integrated Body worn			
	LCD	2.0 inch TFT LCD, capacitive touch screen (240x320)			
	Memory	32GB standard. 128GB upgrade option			
	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			
	Image resolution	1080p			
	Field of view	120°			
	Video record	Frame size	Frame rate	Battery Duration **	
		1080p	30fps	4 hours	
		1080p	15fps	6 hours	
		720p	30fps	7 hours	
		720p	15fps	8 hours	
		480p	30fps	8 hours	
480p	15fps	9 hours			
Video transmission	Integrated EdgeVis video transmission with end-to-end AES-256 bit encryption*				
Recording format	Secure recording format with AES-256 bit encryption and fragile watermarking				
OSD language	English				
OPERATION / UI	Battery	Lithium polymer battery (4.35V), replaceable			
	Ingress protection	IP67			
	Drop test	2 metres			
MECHANICAL	Charging method	Charge using Docking Station or from USB to vehicle DC 5V			
	Operating temperature	-10 to +45°C			
	Charging temperature	0° to 25°C			
	Weight	175g			
	Dimensions (L x W x H)	100 x 62 x 28mm			

*May require export licence

** Recording duration is based on good battery health, temperature and without live streaming. If pre-recording is enabled then the camera is effectively recording continuously. If not recording, pre-recording or streaming then the battery duration is likely to be > 24 hours.

Contact Digital Barriers or your local reseller for further details on our solutions

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