

# WIRELESS SURVEILLANCE EDGEVIS BODY WORN

## SECURE REAL-TIME VIDEO STREAMING OVER 2G/3G/4G/5G 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, which allows live streaming of any online body camera on demand over 2G/3G/4G/5G and WiFi from anywhere, anytime and the live video streaming licence is perpetual. 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. The option for bodyworn harness is also available.

### Key Features

- Encrypted Live streaming over cellular (2G/3G/4G/5G) and Wi-Fi
- Ultra-resilient, low latency, real-time video and audio streaming over cellular. Streams at 9Kbps, at 2Mbps and all bandwidths in-between, allowing live consultation with control room. Over the air high resolution image retrieval: up to 1080p over user definable areas via high quality JPEG over the air archive retrieval
- End-to-end government-grade security
- Control of data costs – around 60% less bandwidth used compared to other standards-based systems
- Emergency one touch 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 built in TF memory. 128GB upgrade option. RAM 1GB	
	Microphone	Built-in, c. 2.5mm	
	USB	Mini USB2.0	
WIRELESS TRANSMISSION	2G/3G/4G/5G 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 with integrated video transmission platform gives real time and common operating picture.	
	Field of view	CMOS sensor with at least field of view horizontal angle >120°	
	Video record	<b>Frame size</b>	<b>Frame rate</b>
		1080p	30fps
		1080p	15fps
		720p	30fps
		720p	15fps
		480p	30fps
480p	15fps		
	<b>Battery Duration **</b>		
	4 hours		
	6 hours		
	7 hours		
	8 hours		
	8 hours		
	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 of metadata	
	OSD language	English	
OPERATION / UI	Battery	3000mAh Lithium polymer battery (4.35V), replaceable	
	Ingress protection	IP67 with certification	
	Drop test	2 meters	
MECHANICAL	Charging method	Charge using Docking Station or from USB to vehicle DC 5V	
	Operating temperature	-20°C to +55°C	
	Charging temperature	0° to 25°C	
	Weight	175g	
	Dimensions (L x W x H)	100 x 62 x 28mm	
EVIDENCE MANAGEMENT & LIVE VIEWING WORKSTATION	Operating System	Windows 10 Pro 64 bit	
	Processor	Intel Core i7 3.8 GHz 8C/16T	
	Memory	16 GB RAM DDR4	
	Storage	512 GB NVME M.2 SSD	
	Available Graphics	8 GB GDDR5 Graphic Video Processor	
	Network Interface	10/100/1000 Ethernet	
	Display Screen	LED Monitor 23" Full HD	
	Pointing Device	USB Optical Mouse with Pad	
	Input Device	Standard full-sized USB Keyboard with numeric keypad	

\*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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