

WIRELESS SURVEILLANCE EDGEVIS BODY WORN

SECURE REAL-TIME VIDEO STREAMED FROM EDESIX CAMERA

Our EdgeVis Body Worn video-streaming solution combines high-quality Edesix cameras and unique low bandwidth video distribution with live GPS data.

Video is distributed either via a vehicle-based EdgeVis Live encoder or a smartphone app that connects virtually any modern iOS or Android-based handheld device to EdgeVis Live, the world's leading platform for surveillance capture.

Both options provide front-line operations with reliable recording and secure real-time streaming over any bearer available.

Not all video encoders 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.

These limitations often mean that body-worn camera manufacturers opt for recording only.

EdgeVis Body Worn from Digital Barriers offers real-time, low bandwidth streaming of operations and incidents from anywhere to anywhere as well as HD edge recording.

Providing new operational possibilities and capabilities

With body-worn cameras that are record-only, an organisation is limited to examining archive video and liability management.

However, by streaming in real-time, those cameras can support incident management, escalation, and response.

Having a view of an incident can be the difference between arriving prepared or needing to spend time assessing a situation, introducing critical delay to operations.

An expert can get the same point of view as the body-worn camera wearer and provide direct and immediate feedback to correct a situation before it escalates.

EdgeVis Body Worn helmet, lapel or chest-mounted cameras provide completely hands-free video recording and streaming for users carrying out front-line operations.

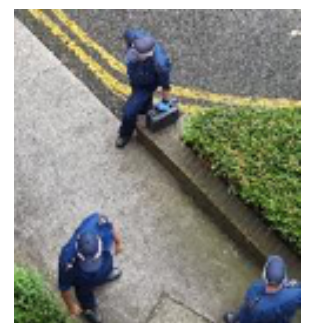
Operational domains

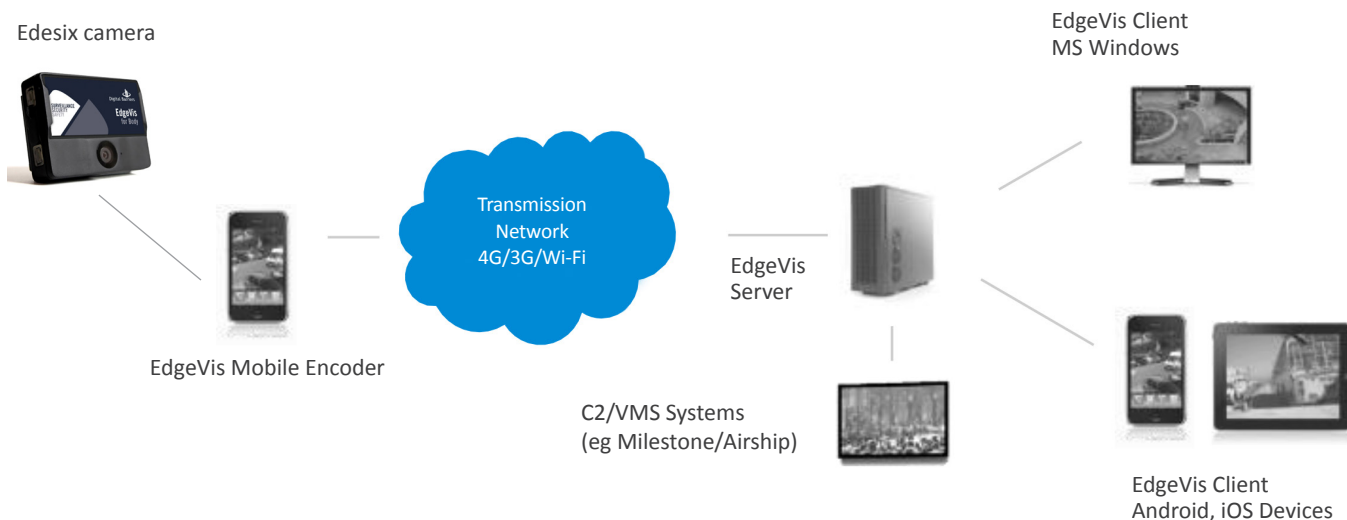
EdgeVis Body Worn is ideally suited to mission-critical surveillance by law enforcement, border security, and defence organisations, as well as emergency responders, transportation agencies and commercial security providers.

Flexible camera options mean that users can select the right capability for their mission.

Body-worn cameras can cover gaps in fixed coverage - behind buildings or temporary obstacles such as cars. Construction work can obscure the view of surveillance cameras, whereas an officer equipped with EdgeVis Body Worn can provide a view from anywhere.

Video can be viewed from a control room or an EdgeVis-enabled mobile device. The live stream from body-worn cameras can be combined with other video intelligence and re-broadcast to anyone who needs to see it including commanders on the ground.





EdgeVis Body Worn

- Enables greater situational awareness of an incident as it is developing and a better indication of whether support is needed
- Distributes single camera stream to many viewers for a common operating picture
- Transmits live GPS alongside the video stream
- Provides capability to extract full HD images to scrutinise individuals, objects and areas of interest e.g. determine structural safety, assess fires or offer advice in an emergency
- Allows continuous access to live stream, while viewer examines high resolution image of areas of interest
- Offers virtual pan, tilt and zoom for focusing on image remotely
- Enables streaming of high quality, low latency, real-time video and audio at bandwidths as low as 9Kbps
- Delivers a fully secure system with end-to-end AES256 encryption
- Allows use of front, back and external cameras, supporting chest mounted devices, helmet cameras, and other configurations

Cameras

VB-320w

- 150° field of view
- 720p recording
- 640x480 streaming
- 8 hours recording/6 hours streaming
- Recording capacity: 16GB
- Weight: 125g
- Size: 86mm x 63mm x 25mm



VB-340w

- 150° field of view
- 720p recording
- 640x480 streaming
- 14 hours recording/12 hours streaming
- Recording capacity: 32GB
- Weight: 160g
- Size: 86mm x 63mm x 30mm



EdgeVis Body Worn Explorer Kit

Everything required for a single camera installation

- VB-340W camera
- Klick Fast quick-release stud and tilt mounts
- Quick-release sports camera pillar
- Crocodile clip
- Single device dock and USB cable
- VideoManager software and one user licence



VideoManager

An internal, non-internet web application that manages videos captured by body-worn cameras

- Add videos to an incident to make them evidential and retained (all other videos auto-deleted after 31 days)
- All interactions with VideoManager logged against individual's name

Mobile encoder

- Supports multiple cellular networks (CDMA/EV-DO/GPRS/EDGE/UMTS/HSPA+/LTE)
- Supports AES 256 encryption
- Requires Android 5.0+ and Google Play services
- Rugged and IP67 rated handset option available

Accessories

14-device dock

- Charge and simultaneous download of up to 14 cameras
- Multiple docking stations can be connected to a single PC
- Connection is a single USB to PC or DockController and a mains electric plug



DC-100 DockController

- Connects up to 28 cameras simultaneously to a single 100Mbps Ethernet LAN port for rapid download to VideoManager



Digital
Barriers