



Digital  
Barriers

VISUALLY INTELLIGENT SOLUTIONS for a safer and smarter city [www.digitalbarriers.com](http://www.digitalbarriers.com)

# WIRELESS SAFE CITIES LIKE NEVER BEFORE

Keeping an urban environment safe and running smoothly depends on many agencies working together.

For emergency services, councils, transportation organisations, event staff and other interested parties to collaborate effectively, they need ultra-reliable real-time video for a common operating picture.

The disruption and associated costs of deploying wired urban surveillance make it prohibitive as a large-scale citywide solution.

However, there is no need to dig up a road or wait for cabling with Digital Barriers' fully secure end-to-end video capability as it is wireless - and it is accredited to the highest standard.

Existing wireless surveillance solutions are frequently handicapped by the availability of large and stable bandwidth, latency build-up whilst streaming, and critically by their lack of resilience against cyber threats.

By combining cutting-edge wireless video streaming (EdgeVis Live) with leading camera technology, Digital Barriers and Canon are bringing to market a world-class wireless surveillance solution for safer cities.



**Canon** **EDGEVIS™ Live**  
Powered by TVI

SURVEILLANCE | SECURITY | SAFETY

WE LET NOTHING  
GET IN YOUR WAY.



## EDGEVIS™ Live

Powered by TVI

### This solution is designed to:

- Deliver true real-time high-definition video, over any wireless network
- Reduce operational costs, by using around 60% less data when streaming video compared to other wireless solutions
- Be deployed in minutes, and redeployed just as easily and quickly
- Provide exceptional environmental and low-light performance for multiple applications
- Overcome the hurdle of streaming over congested and low bandwidth wireless networks
- Be the video element into any IoT architecture

Examples of suitable surveillance applications: city centres, industrial parks, sporting events, transportation hubs, major roads and critical national infrastructure.

### The Canon VB-R12VE in detail:

- High-definition surveillance with exceptional low-light performance
- 360° endless panning with fast, accurate pan/tilt mechanism
- Genuine Canon 30x optical zoom lens, 20x digital zoom, and enhanced digital zoom function
- Image stabilisation, enabling installation on top of a pole, near heavy machinery or anywhere else subject to frequent vibrations
- IP66 rated & IK10 vandal resistant enclosure
- Built-in heater and blower for temperature control, allowing deployment in harsh climates
- New haze compensation to enhance contrast and maximise image quality when fog, haze, or smog are present
- Advanced DIGIC DV III image processor to help maximise image quality
- On-board video analytics and versatile functions
- Built-in SD card slot
- ONVIF profile S & profile G conformant

### The EdgeVis video distribution in detail:

- Resilient and secure streaming of real-time video and audio over low-bandwidth cellular and Wi-Fi networks
- Seamless incorporation into world-leading VMS, including native integration with Milestone XProtect
- Secure local recording of high-definition video, audio and other data for forensic and evidential use
- Simple hardware integration includes IP, analogue and HD-SDI cameras plus other inputs for alerting
- Re-distribution of surveillance content to multiple operators simultaneously, including to mobile devices
- Ultra-efficient transmission over 4G/3G/GPRS/Wi-Fi/Satellite connections at bandwidths as low as 9kbps
- Remote live viewing and camera control for an intelligent response, allowing control rooms or mobile security units on the ground to respond to suspicious activity immediately
- Highly secure end-to-end AES256 encryption for a fully secure system.

Contact Digital Barriers for further details on EdgeVis Live and other applications.

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