

Network Visual Solutions
**Civil and government
surveillance**



Digital Barriers and Canon demonstrate real-time wireless surveillance solution for smart cities and government scenarios



**Digital
Barriers**

Company Name
Digital Barriers

Founded
2009

Headquarters Location
UK

Website
www.digitalbarriers.com

Overview

Digital Barriers is a world leader in visually intelligent solutions for the global surveillance, security and safety markets, specialising in near zero latency streaming and analysis of secure video and related intelligence over wireless networks, including cellular, satellite, IP mesh and cloud.

Digital Barriers and Canon at IFSEC

Demonstrating its EdgeVis Live technology in conjunction with the Canon VB-R11VE speed dome, Digital Barriers will show how these solutions can deliver true real-time high-definition surveillance, over any wireless network, anywhere, every time.

The EdgeVis Live streams are integrated with Canon Webview protocol and can be displayed using Milestone XProtect software or dedicated EdgeVis viewers via Android and iOS smartphones and tablets. Based on military-grade video-compression and streaming technology, the solution uses 60% less bandwidth than standard technologies, enabling the delivery of smooth frame rates with near zero latency.

EdgeVis Live

Digital Barriers EdgeVis technology provides live and reliable video over bandwidth-constrained or congested networks. Ideally suited for applications including crime prevention, event monitoring and critical infrastructure monitoring, the solution has been designed to ensure that video can be delivered over wireless networks with under 0.5 second latency to users anywhere, at a reduced cost. In addition, Digital Barriers' TVI (Transport Video Interface) actively monitors bandwidth at each instant, using the information to adjust the amount of image detail so that it never exceeds the bandwidth to ensure a constant frame rate.

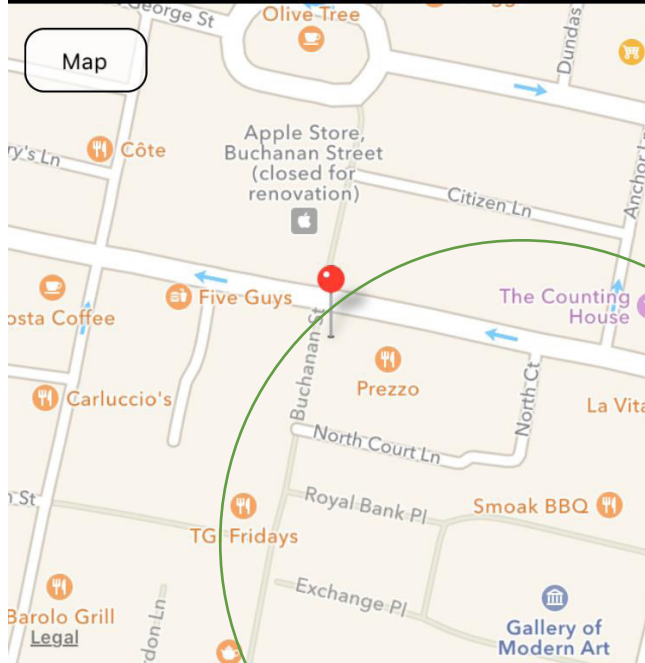
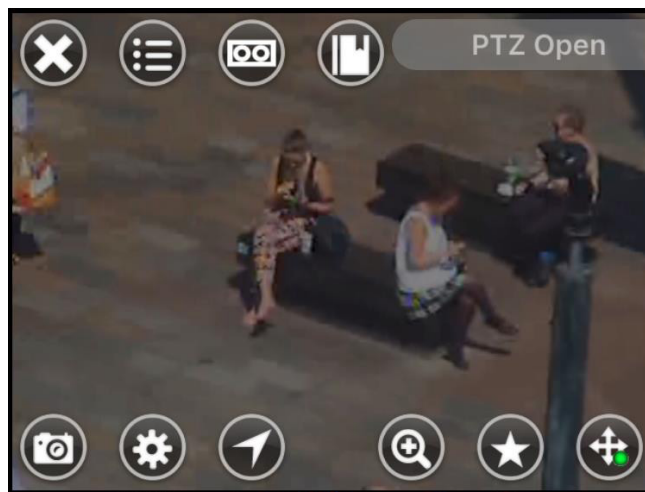
With exceptional PTZ functionality and long range zoom capabilities, the Canon VB-R11VE is ideal for monitoring large city areas, and is easy to reposition remotely. In addition, the CMOS sensor provides superior high definition images, particularly in low-light applications. Smart Shade Control technology optimises exposure to improve highlights and correct dark areas, useful for backlit conditions in areas such as car parks and transportation hubs.

Canon



	Key Information
Software Functions	<ul style="list-style-type: none"> IoT Ready Wireless HD Surveillance Low bandwidth and resilient true real-time streaming Law enforcement & event monitoring
Key Camera Models	<ul style="list-style-type: none"> All-weather and vandal resistant speed domes Full HD - Canon VB-R13VE & VB-R12VE 1.3MP - VB-R11VE & VB-R10VE
Key Digital Barriers Solutions	<ul style="list-style-type: none"> EdgeVis Live technology Milestone XProtect integration Dedicated iOS & Android mobile viewer
USPs	<ul style="list-style-type: none"> Near zero-latency streaming Live and reliable video over bandwidth-constrained or congested networks Military grade video compression 30x zoom, 360 degree continuous rotation for maximum visual coverage

This functionality is especially useful when dealing with sporting events and large crowds. In these scenarios, the 360° continuous rotation and 30x optical zoom VB-R11VE speed dome provide maximum visual coverage of a wide area allowing large groups of people to be monitored and potential threats to be identified. In conjunction with the real-time video streaming that the EdgeVis Live technology offers, law enforcement officials can respond to incidents as they happen.



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