

Reliable live video. Where bandwidth is a challenge.

EdgeVis VideoRouter (EVVR) connects your existing cameras to secure live viewing over cellular and constrained networks.



**Your cameras.
Connected by EVVR.**



Bring more sites into view.

Remote sites. Busy mobile networks. Expensive fibre connections. The challenge is getting useful live video to the people who need it.

Make wireless practical

Fibre can be expensive to install and maintain. EVVR helps you use cellular and other wireless links to connect temporary, mobile and hard-to-reach locations.

Keep operators informed

Maintain usable live video as network conditions change, helping teams assess incidents and respond with better information.

Control bandwidth use

Stream multiple cameras over one cellular connection. Set a live-stream budget to reduce data costs and demand on shared links, helping avoid costly network upgrades.



90% less

STREAMING BANDWIDTH

Multiple cameras. One SIM.

Customers using EdgeVis to stream multiple cameras over a single-SIM cellular connection have achieved 90% bandwidth savings.

Designed for wireless. Built around your video.

EVVR brings together patented EdgeVis video optimisation, secure transmission, recording and analytics in one encoder. Built for cellular and wireless, it adapts camera video to the available connection.



Video that follows the link

Stream on demand or continuously, 24/7. EVVR uses EdgeVis technology to monitor the connection and control each compressed frame before sending it, reducing bitrate peaks and helping limit delay.

Security and evidence

EVVR complies with NDAA requirements. AES-256 encryption protects EdgeVis video transport, with no VPN required. Edge recording retains footage for review and retrieval; optional analytics flag events.

Live detail. Responsive control. Resilient delivery.

Agree the image detail and PTZ response your operators need. When bandwidth falls, EdgeVis can reduce detail or frame rate to keep video usable. Network coverage is still required.

Fits your cameras. Fits your infrastructure.

Working with leading embedded-device and edge-compute partners worldwide.

EdgeVis VideoRouter

Connect ONVIF Profile S/T-compliant IP cameras to a compact encoder with video optimisation, encryption, edge recording and optional analytics. Choose a device to suit your camera count, environment and connectivity.



EVVR-1 (v2) shown.
Form factor and connections vary by model.

Choose the right EVVR

The EVVR range runs the same EdgeVis software. Choose the device to suit your camera count, size, operating temperature, power requirements, connectivity and input/output needs.

Keep your existing platforms

View live video and control supported PTZ cameras from desktop or mobile using EdgeVis Client. Connect compatible VMS and AI platforms through native integration or Gateway, delivering H.264/RTSP and virtual ONVIF-compliant devices.

On premises or in the cloud

Centrally manage EVVR devices across your estate with EdgeVis Server and distribute video to authorised viewers. Deploy on Windows Server or Linux, on premises or in the cloud.

Preserve camera intelligence

Carry supported camera events and metadata into operational workflows, with integrated edge analytics available on supported devices.

Flexible deployment. Ongoing innovation.

EVVR combines compact hardware with subscription-based EdgeVis v9 software and ongoing product innovation. Prefer your own hardware? EVVR Container delivers the same encoder software on supported devices.

[Find out more about EVVR Container](#)

SEE EVVR IN ACTION

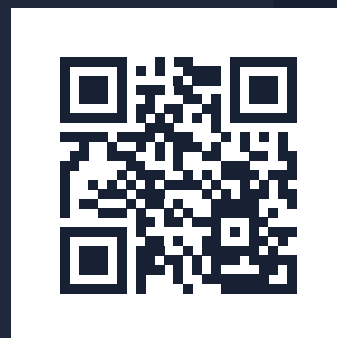
See the detail. See the difference.

Watch the live feeds and bandwidth graphs in our side-by-side demonstration. Compare delay, usable detail and continuity as the demands on the connection change.

Watch the demonstration

EdgeVis VideoRouter compared with H.264.
Scan the code or select the link below.

WATCH THE DEMO



More examples: vimeo.com/digitalbarriers

Let's prove it on your network.

Agree your camera count, live image quality, response time and recording needs. Then test with representative scenes and measure the complete deployment's data use.

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