The EdgeVis Video Router offers true live video transmission at reduced bandwidths as low as 9Kbps.

The EdgeVis Video Router combines advanced AI with storage at the edge, enabling exceptional real-time video streaming for critical alerts. The latest release adds support for ONVIF Profile M, allowing transmission of analytics data from edge devices, and the Object Detector Analytic Tool, which identifies objects like people and cars. This plug-and-play device delivers the world's lowest bandwidth technology, supporting multiple camera inputs, enhanced reliability, and hardened cybersecurity with end-to-end encryption.

	EVVR-1
Camera Inputs	2 channels
Recording Performance	2 channel H.264 (up to 1080p/30 fps)
Recording Security	Recordings are secured with AES-256 encryption and Fragile Digital Watermarking
Recording Storage	Internal M.2 SSD up to 4TB
Built-in Video Analytics	2 channels (Intelligent Motion Detection or Object Classifier)
Pass-thru Analytics	ONVIF Profile M analytics can be ingested from camera and passed to VMS
Streaming Performance	Two camera output, streaming up to 1080p/30fps.
Streaming Transmission	Built-in 4G LTE (4FF Nano SIM), Wi-Fi, and LAN – Can stream as low as 9kbps
VPN Support	Connects to Wireguard VPNs
GPS	GPS via USB dongle
Audio Inputs Format	Via IP camera – dependent on camera models chosen
PTZ Connectivity	ONVIF Profile S supported Via IP camera – dependent on camera models chosen

	EVVR-1
Physical Size	L 88.9 mm x W 88.9 mm x D 38 mm (L 3.5" x W 3.5" x D 1.5")
Physical Connectors	2 x RJ45, 4 x SMA, 1 3 x USB-C 2.0, 2 x USB-A 3.2
Operating Temp/Humidity	0°C to +55°C (32°F to 131°F) ambient with airflow, 5% to 90% relative humidity (operates at optimal thermal levels when mounted on its side)
Weight	400g (0.9 pounds)
Input Voltage Range	12VDC +/-5% (30W PSU Supplied)
Power Consumption	~15 W Max (Full Load)
Enclosure	IP40 design, with optional DIN-Rail mounting
Safety	IEC/UL/EN 62368-1
EMC	EN55032:2015 EN55035:2017 EN301 489-1 V2.2.3 (2019-11) EN301 489-52 V1.2.1 (2021-11) EN301 489-17 V3.2.4
FCC	47CFR:2011 FCC Part 15B
LTE Supported Bands (Sierra EM7421)	LTE: 1,3,7,8,20,28,32,38,40,41,42,43 HSPA+: 1,5,8

EVVR1-2025V1.1