The EdgeVis Rugged Video Router is built on the Intel® NUC Format, it offers true live video transmission at reduced bandwidths as low as 9Kbps.

The EdgeVis Rugged 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-1RL	EVVR-4RL
Camera Inputs	1-2 channels	1-8 channels
Recording Performance	2 channels H.264 (up to 1080p/30 fps)	8 channels 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 1TB	Internal M.2 SSD up to 4TB
Built-in Video Analytics	2 channels (Intelligent Motion Detection or Object Classifier)	8 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	Stream up to 2 cameras: 1 camera output up to 1080p/30fps 2 camera output at least 720p/15fps	Stream up to 8 cameras: 1-4 camera, up to 1080p/30fps 5-8 camera, at least 720p/15fps
Streaming Transmission	Built in Wi-Fi 6, and LAN – Can stream as low as 9kbps	
VPN Support	Connects to Wireguard VPNs	
GPS	Using (optional) external USB GPS module	
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	

EdgeVis

	EVVR-1RL	EVVR-4RL
Physical Size	L 118mm x W 113mm x D 35mm (L 4.6" x W 4.4" x D 2.1")	
Physical Connectors	2 x RJ45, 4 x USB 3.0, 2 x USB C	
Operating Temp/Humidity	-20°C to +60°C (-4°F to 140°F), 5% to 90% relative humidity	
Weight	0.5kg (1.1 pounds)	
Input Voltage Range	12-19VDC +/-10% (90W PSU Supplied)	
Power Consumption	22 W Max (Full Load)	57 W Max (Full Load)
Enclosure	IP40 design with active cooling	
Safety	IEC/UL/EN 62368-1	
EMC	EN 55032 Radiated Emissions, Class B EN 55032 Conducted Emissions, Class B EN 55024/EN 61000-3-2 Harmonic Emissions EN 55024/EN 61000-3-3 Fluctuations & Flicker En 55024/EN16000-4-2 ESD EN 55024/EN 16000-4-3 Radiated Immunity EN 55024/EN 16000-4-4 FTB EN 55024/EN 16000-4-5 Surges EN 55024/EN 16000-4-6 Condusted Immunity EN 55024/EN 16000-4-8 Magnetic Immunity EN 55024/EN 16000-4-11 Voltage Dips	
FCC	47CFR:2011 FCC Part 15B	

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