Digital Barriers

Introducing EVVR Container - The Power of EdgeVis, Now as Software

EdgeVis Streaming. Any Hardware. Anywhere.

We're excited to announce the launch of EVVR Container - a major leap forward in how Digital Barriers delivers secure, resilient, ultra-low bandwidth video.

Built for container-based deployment, EVVR Container brings the performance, reliability, and encryption of EdgeVis video streaming to your own infrastructure, whether that's a rugged edge device, existing cellular gateway or general compute device.

No more need for an approved Digital Barries Appliance. No more limitations on where you can deploy. With EVVR Container, the most trusted secure video technology in the world now runs on what you want.

Why EVVR Container?

This is more than a technical release, it's a transformation in how secure video is delivered.

- Run Anywhere – From Raspberry Pi 5 to Xeon-powered servers. Multiple independent output streams.
- Docker-Native – Deploy in minutes with container workflows
- Industry Standards - Integrate with any ONVIF camera or video application
- EdgeVis Secure – Military-grade encryption, even over hostile networks. AES-256 encryption at rest and transit.
- Effective – Get full EdgeVis performance without needing a Digital Barriers appliance/ encoder.
- New Easy SaaS Licensing and Management

Finally, experience EVVR performance on your own hardware.

Whether you're a single site or a nationwide operation, getting started with secure video streaming has never been easier.

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What's Inside & How to Install

Fully Portable. Ready for Anything.

EVVR Container is designed for 64-bit Arm and x64 systems and installs easily on modern Linux hosts.

Support Architecture	Example Platform
64-bit x64 (quad-core)	Intel/AMD (Atom, i3–i7, Xeon, Ryzen, EPYC)
64-bit Arm (quad-core)	Raspberry Pi 4/5, edge compute boards
Cellular Gateways (quad-core)	Cradlepoint R1900 / E3000, Semtech XR60

System Requirements

Component	Specification
OS	Ubuntu 22.04 / 24.04, Raspberry Pi OS (other modern Linux OS)
Runtime	Docker (or compatible container engine)
RAM	500MB per stream (8GB recommended)
Disk	20GB minimum (16GB for video storage)
Network	Reliable IP link to an EdgeVis Server

Runs on bare-metal, VM, and cloud environments.

EVVR Container vs EVVR Encoder

Both options offer the same core EdgeVis streaming performance and features, with a few software-only differences:

- Embedded analytics (coming in v9.1)
- ONVIF camera auto-discovery
- Updates managed via EdgeVis Server

Since we no longer control the host platform, system-level services such as NTP, SFTP, factory reset, firewall and patch management must be implemented using standard Linux tools.

Built for the Real World

- Mobile Deployments – Pair with 4G/5G routers and edge PCs
- Industrial Monitoring – Secure streaming from inside substations, depots, or utlities
- Remote Ops – Deploy anywhere with power and Linux
- AI + VMS Ready – Integrates with third-party platforms and edge analytics pipelines

Start Streaming Securely Today.

Talk to your Digital Barriers representative

Or visit www.digitalbarriers.com to get started instantly