



RMX.IO

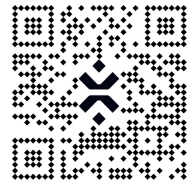
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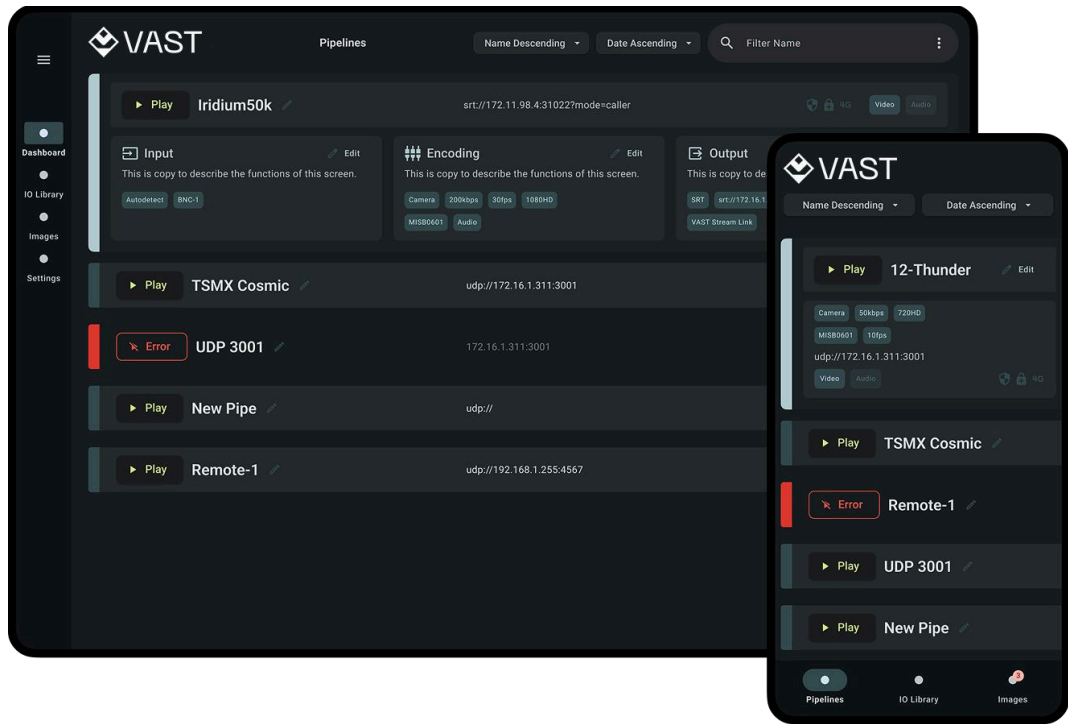
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VAST

# Video Encoder





## Stream Video on any Network, Anywhere

Stream video over any transport from the latest MANET to HF. VAST™ makes video possible where it wasn't before. Its proprietary AV1 video streaming technology solves the challenges of real-time video from the network's edge, no matter the transport or the platform.



### Built for the Tactical User

Designed to support and extend FMV capabilities to the tip of the spear. Does not rely on image transfers. Streams real-time video, including metadata such as KLV.



### No Server Required

VAST operates without the need for a video management system or server to stream video.



### Clean Video, No Distortion

Utilizes the AV1 compression standard, so even highly compressed video is clear with no visual artifacts like tearing or distortions.



### Still Image Compression

Can compress image files as much as 5,000 to 1 compression ratio



### Low SWaP

Low size, weight & power for deployed tactical users. Lowest power tactical AV1 encoder available today



### Software Encoding

Modular video encoder designed to run across a range of hardware, including our VAST appliances.



### Open Standards

Leverage open media standards like AV1, SRT, etc. No proprietary formats.



### Easy to Use UI

VAST apps feature a simple UI for creating, storing, managing, and sharing video presets and workflows.



### VAST Vue™

An integrated VAST player for AV1 video playback, recording, and snapshot capture. Intuitive interface simplifies setup and managing of multiple streams.



### Ease of Interface

Ease of standard Ethernet & USB interfaces to support communications devices including full range of tactical radios



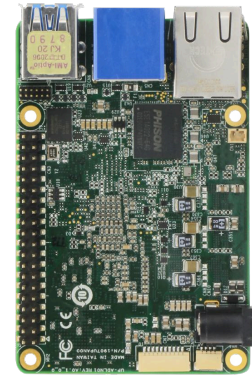
# VAST OS™

A standalone software-based video encoder, VAST enables the ultimate in deployment flexibility. Its extremely efficient compression allows it to run on a variety of lowpower hardware platforms at the network's edge. It can be integrated with most any hardware platform or system across any transport.



# VAST Air™

VAST Air is intended for embedded applications such as in manned/unmanned vehicles and systems. It employs powerful, low-SWaP-C Intel® Alder Lake boards. It's available in multiple models to support a variety of application scenarios.



# VAST Tactical™

VAST Tactical was designed to go wherever the mission requires. Available in multiple models with powerful, low-SWaP-C hardware in a rugged enclosure to be worn, attached, or carried in the field.



# VAST OEM Partners

Supports vendors and solution integrators across industries to integrate VAST's novel video compression technology into their products and solutions. For more information, please contact [vastoempartners@rmx.io](mailto:vastoempartners@rmx.io)