



RMX.IO

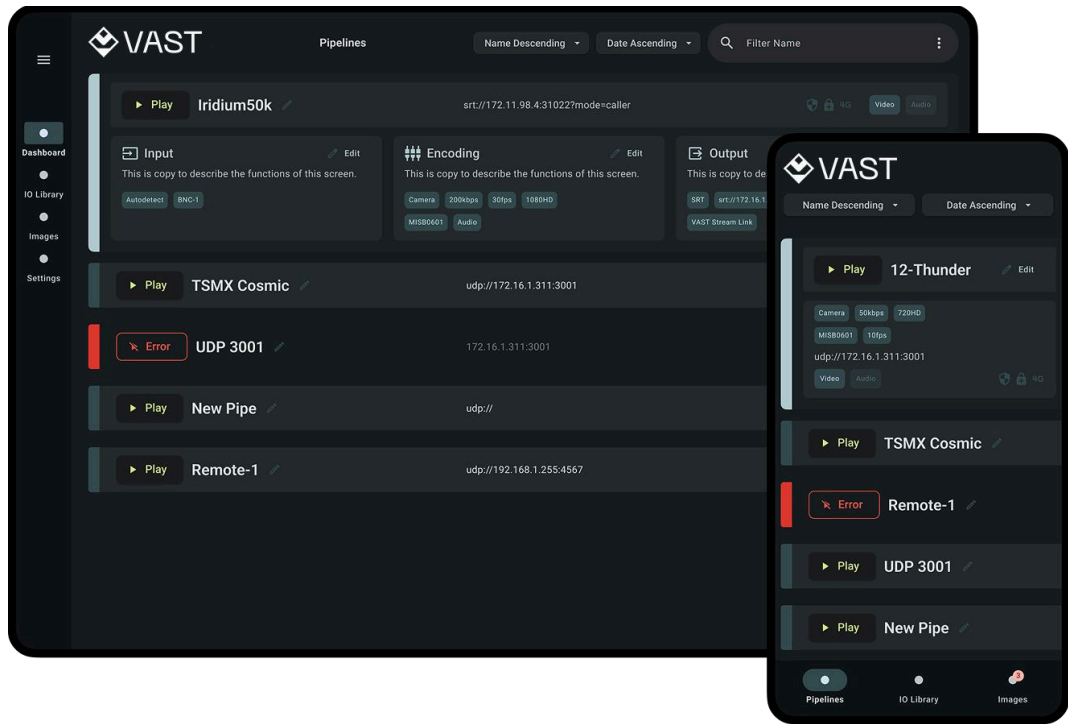
INFO@RMX.IO

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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



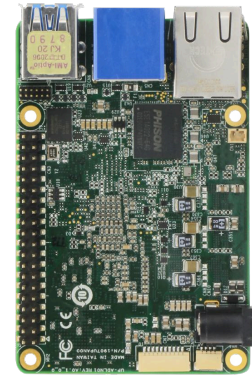
VAST OS™

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