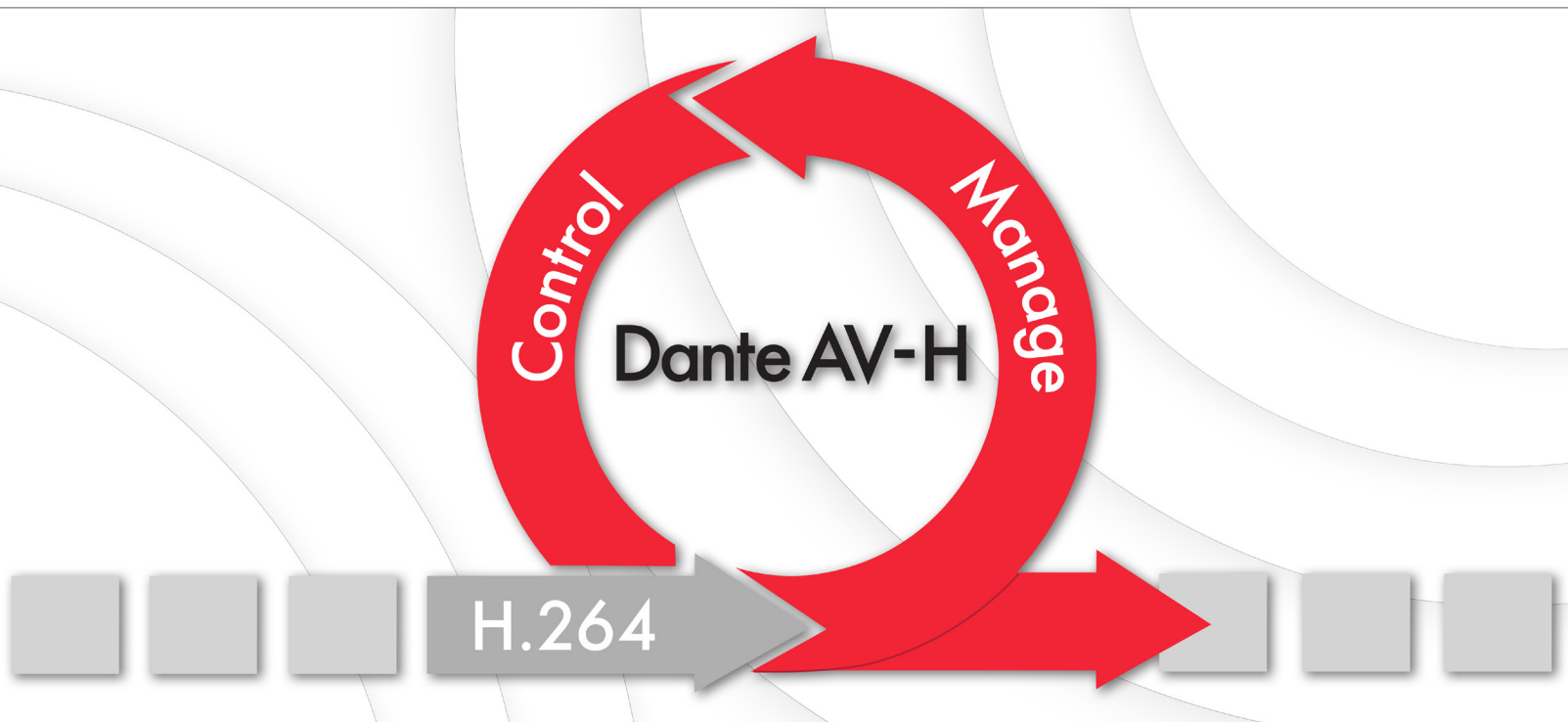


# Dante AV-H: The power of Dante comes to H.264/H.265 endpoints



Dante AV-H is a software solution for SoC-based video products that brings the power and interoperability of Dante to H.264/H.265 video endpoints. With Dante AV-H all video and audio routing and configuration is done in the familiar and easy to use Dante Controller software and Dante Domain Manager delivers robust management, user access control, and the ability to remotely troubleshoot all Dante devices. Dante AV-H is less complicated and more flexible to install than point-to-point products and with low bandwidth it's the perfect AV solution for today's networks.

## Dante Audio

Dante has long been the indisputable industry standard for high performance audio networking, with thousands of interoperable products from over 500 manufacturers in use around the world. Dante AV-H adds up to 8 channels of Dante audio to your video products for instant compatibility with existing and planned installations, easing technical requirements and simplifying system design.

## More Flexibility

Unlike point-to-point technologies where systems are defined by physical connections so making changes and upgrades is difficult and expensive, Networked AV is infinitely flexible. AV-over-IP allows for nearly any combination of connections without moving a single cable or additional hardware to route

signals to multiple endpoints. CAT and fiber optic network cable's longer acceptable lengths allow devices to be placed for best performance and appearance.

Unlike many video technologies that make it difficult to separate video and audio signals, Dante AV provides completely independent video and audio streams that can be independently routed wherever needed, allowing products to be used in a much wider array of applications and settings. Send Dante audio to installed loudspeakers, mixers, recording devices, signal processors and more without the need for de-muxing hardware or matrix switches, reducing costs and complexity.

## Part of the Family

Dante AV-H is part of the Dante AV family of AV-over-IP solutions for OEMs. From the high resolution, tightly synchronized, and super low-latency Dante AV Ultra to Dante AV-H using the widely used H.264/H.265 codecs, all Dante products share a common control plane and management platform – including all audio devices. Dante AV-H is also compatible with Dante Studio, a suite of software tools for PC, that allows you to monitor or bring video directly into UC, recording, production, or streaming applications without the need for additional hardware. The familiar and reliable Dante Controller handles all device routing, naming and configuration, while Dante Domain Manager provides IT-level management over device organization, user access, multiple subnet coordination and complete audit logs for every endpoint and user.

Dante is by far the most widely used family of AV-over-IP solutions today. Products made with Dante are instantly compatible, easy to use, and deliver unrivaled value and performance.

## Applications

### Conferencing

Bring in room video directly into UC applications like Teams or Zoom from Dante AV-H cameras using Dante Studio software or Dante AV-H decoders. Dante audio can be integrated with Dante Virtual Soundcard software running on the in-room PC or Dante to USB devices for BYOD scenarios.

### Higher Education

With Dante audio already commonplace in today's classrooms, Dante AV-H simplifies designs so audio and video are on a single platform and all devices can be managed and supported remotely. Video from Dante AV-H cameras can be brought into CMS platforms like Panopto or Kaltura or UC software for Hybrid learning using Dante Studio software or Dante AV-H decoders.

## Manufacturer Benefits

Based on the Dante Embedded Platform (DEP) software solution, Dante AV-H delivers a rapid time to market and cost-effective solution for manufacturers. As a software solution adding Dante AV-H to existing SoC products means no costly hardware redesigns or having to build new products from scratch. From manufacturer design implementation to end user AV system issues, Audinate provides experienced technical support and professional services.

Dante AV-H can be used in PTZ IP cameras, HDMI/SDI encoders and decoders, video mixers, and prosumer video cameras.

### Live Events and Production

Capture performers or presenters with Dante AV-H cameras. While media or presentations can be sent to the production computer from computers connected to Dante AV-H encoders or running Dante Studio. Stream or record Dante AV-H video in vMix or OBS with Dante Studio software or connect Dante AV-H encoders and decoders to a Vision Mixer to swap between multiple Dante AV-H sources. Up to 64 channels of audio can be sent from Dante enabled devices to the production computer running Dante Virtual Soundcard to create the ideal streaming mix without affecting the live mix.

### Video Distribution

Dante AV-H's low bandwidth allows it to run seamlessly on converged networks, making it easier than ever to send audio and video to AV endpoints across the network or quickly set up overflow spaces.

## ✱ Specifications

- 64-bit ARM platform running v4.19 or later of Linux
- 50MB or more of storage space for Dante software
- Support for running containers