

# Ultra-low-latency video & audio transmissions



## MVTP-AUDIO

- » Ultra-low 1 ms latency of video and audio over the Internet, 100% quiet, easy setup
- » Standalone device, no PC required
- » True real-time system, FPGA processing

## Video features

- » Bidirectional transmission
- » Up to 1080p60
- » 3G-SDI input, 3G-SDI output
- » Ultra-low-latency high-quality TICO compression
- » TV production grade visually lossless video

## Audio features

- » Bidirectional transmission
- » 8x symmetrical 1/4" jack analog input
- » 8x symmetrical 1/4" jack analog output
- » 4x embedded SDI audio
- » 2x S/PDIF digital audio
- » 24-bit / 48 KHz sampling
- » Uncompressed network transmission

## Latency

- » Added latency from 0.8 ms to several ms for the sender and receiver together, based on the buffer size configured to compensate for the network jitter



## Network

- » Gigabit Ethernet RJ45 connection
- » Bandwidth used
  - approx. 200 Mbps for 1080p30
  - approx. 400 Mbps for 1080p60

## Management

- » Embedded web-based interface
- » Front panel buttons and display
- » USB and SSH access for advanced management

## Mechanical and electrical

- » Fanless, 100% quiet operation
- » Small lightweight easily portable box
- » 12V power from an external included adapter