



Z-IP Encode 4K

The **Z-IP Encode 4K** is a livestreaming HEVC encoder that allows for local or point-to-point content streaming in resolutions up to **4K**. Its SRT functionality ensures the highest quality video, even over unreliable networks, all while conserving network bandwidth. This 1U, rack-mountable device is ideal for delivering eye-popping video like sports, concerts, movies and more.



Common Uses include:

- Save bandwidth by using the latest compression technology HEVC
- Broadcast Signage and Live events in 4k resolution
- Distribute content using SRT, the open-source transport protocol developed specifically for high performance across unpredictable networks
- Full 4:2:2 capability for encoding of HDR content



About Z-Band

Z-Band was one of the earliest technologies to achieve convergence, voice data, and video traveling across one cable, on one infrastructure. Since its inception in 1999, **Z-Band has seen tremendous technological change** as well as remarkable growth. Today, Z-Band supports a full spectrum of RF (Z-TV) and IP (Z-IP) video distribution products with a staff that designs, commissions, and supports hundreds of projects in the United States each year.

Z-IP Encode 4K

Overview

HDMI 2.0 compatible input
HDCP 1.4 and 2.2 compliance

Dual NICs for segmentation of management and streaming content

Configurable output for bandwidth sensitive environments

IP Output

UDP/RTP transports streams for multicast destinations

SRT transport protocol for unicast and over the Internet broadcasts

Variable bit rate up to 40Mbps for 4k broadcasts

HDR encoding can be set as passthrough or configured

Management Software

Works in all major browsers

Management interface available anywhere on the LAN/WAN

Ability to save and output configurations for simple setup of multiple units