



# AV and KVM over IP

Wave is coming soon!

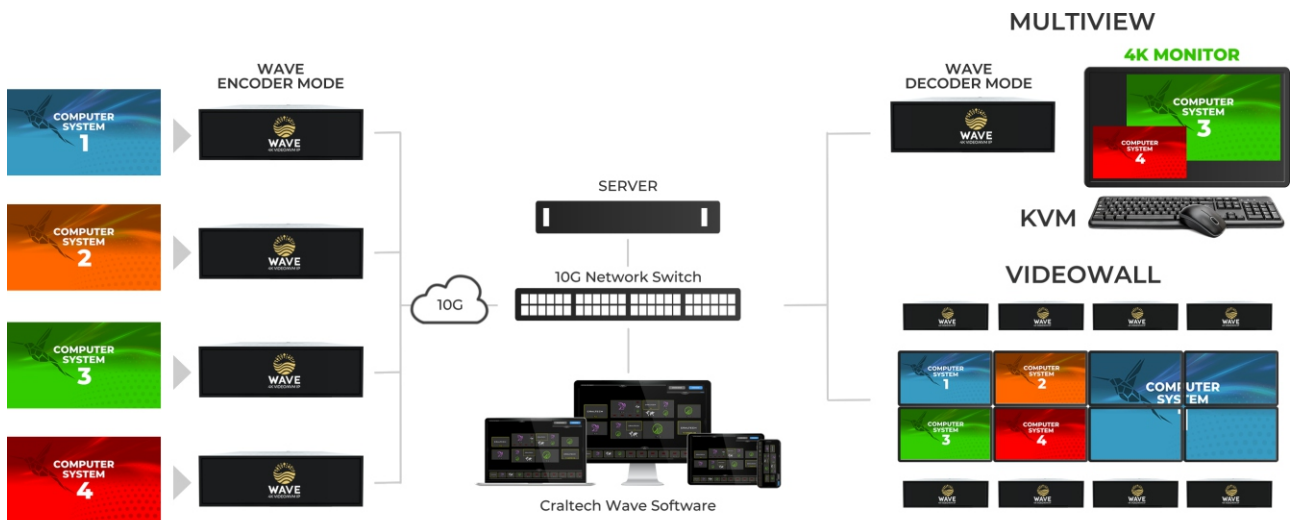


## Exceptional quality and performance with support for up to 4K resolution

The Wave offers the ultimate AV over IP platform, designed for distributing 4K 60 Hz 4:4:4 video, audio and KVM over standard 10Gb IP network switches to an unlimited number of displays without sacrificing latency, video quality or bandwidth.

The Wave is an all-in-one compact processor that can be used as an SDVoE encoder or decoder, for fiber or copper installations.

Easy to use, scalable and reliable solution, that provides maximum flexibility, making it an ideal solution for control rooms, medical applications, broadcast studios, E-Sports and media production.



## Features:

- Distribute 4K60 4:4:4 digital video over standard 10G networks
- SDVoE™ encoder/decoder with no latency
- 128-bit AES encryption
- All-in-one design with encoding/decoding, fiber and copper capability
- SFP connector for fiber (SFP module not included)
- 4K HDMI support
- Scalable and reliable
- VideoWall and Multiview Mode
- KVM options (USB routing)
- Compact fanless aluminum design
- Easy to use Craltech Wave Centralized Management software

## Scalable and Reliable Solution

Easy to use, scalable and reliable solution, that provides the maximum system design flexibility, making it an ideal solution for control rooms, medical applications, broadcast studios, E-Sports, media production and live events.

## Multiview & VideoWall Modes

Multiview feature allows to create layouts and presets, including picture-in-picture, where multiple sources can be displayed on screen using a single decoder, or display one source or multiples on a VideoWall setup.

## SDVoE™ Standard

Easily integrate with other devices or equipment to optimize workflows and reduce installation complexity.

## Real-Time Performance

Ensuring secure, real-time performance for mission critical applications that need remote access to computing equipment. Perfect solution for projects where quality and latency are a must.

## Remote Desktop (KVM Mode)

Switching and routing for secure remote desktop applications. Easy get access to remote computing equipment and work just as easy as on your own desk.

## User Friendly Platform

Combined with Craltech Wave Centralized Management Platform, easy Setup and Manage all the devices and settings, saving time and money.

## Wave Applications



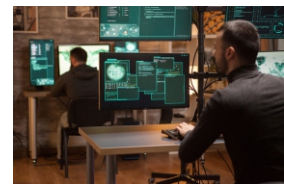
Government & Mission critical



Server Room & Data Center



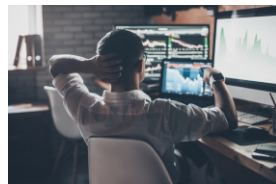
Industry and Control Rooms



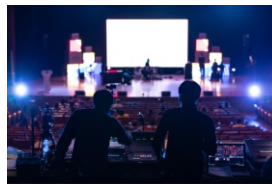
Engineering & Design



Broadcast, Live Stream and e-Sports



Stock and Banking Market



Content Management, Distribution & Live Events



Corporate

## Specifications:

Inputs / Outputs	
Video Input	1x HDMI, max. Resolution 4096x2160 @ 60HZ
Video Output	1x HDMI, max. Resolution 4096x2160 @ 60HZ
Video Format	Video Format YUV 4:4:4
Audio Inputs	Audio Inputs (Digital) HDMI, and jack input
Audio Outputs	Audio Outputs (Digital) HDMI, and jack output
I/O Ports	1x Ethernet (RJ-45), 1x RS-232, 1x USB (Updates)
USB/KVM	KVM Through USB
Encoding/Decoding	
Streaming Protocol	SDVoE (IP streaming over 10G network with no latency)
Encryption	AES 128bit encryption
Modes	Encoder or decoder, and in fiber or copper
<b>Multiview Mode</b>	<b>YES</b> , Simultaneously display multiple sources through a single decoder
<b>VideoWall Mode</b>	<b>YES</b> , display multiple sources or one source over a VideoWall
Hardware	
Ethernet Network	1x 10Gb/s LAN with RJ45 and PoE (802.3at), bi-directional port
Fiber Network	1x SFP+ 10GB/s (SFP+ module not included), bi-directional port
Transmission Distance	CAT6a up to 100m, 300m over multimode fiber, 10Km over single mode fiber
Chassis	Compact aluminium fanless chassis
Dimensions	TBD
Weight	TBD
Power Supply	12VDC
Warranty	Warranty 2 years