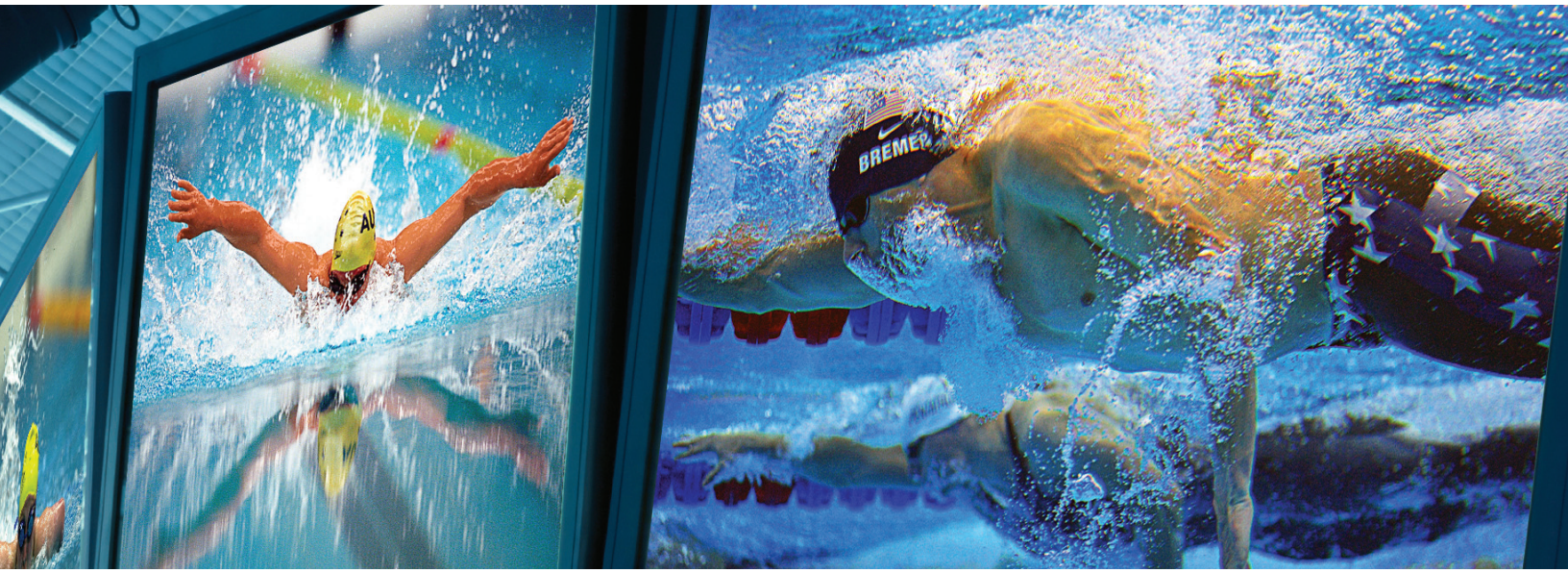
ClearOne

VIEW® Pro – Ultra HD IP Audio/Video Encoder and Decoder

Enterprise Streaming, AV Asset Management, Control, and Distribution



24-bit True Color and full control at your fingertips!

Ultra high quality, 4:4:4 R'G'B', 24-bit color space encoding for IP networked audio and video, in affordable packages that only ClearOne can deliver. Includes Internet Protocol AV and control technology to distribute AV signals and provide complete control, policy enforcement, and asset management for any size enterprise deployment.

Unlike proprietary encoders that restrict users to a walled garden of content and connections, the VIEW Pro family operates over standard H.264 media streams that support an unlimited range of clients, media players, and devices, including Apple, Microsoft, Adobe, WOWZA, and others.

+ Uses H.264 compression for low bandwidth consumption without sacrificing quality
+ Accepts unlimited source inputs from any location on an existing IP network
+ Designed for use by enterprise organizations, casinos and hospitality, telemedicine, distance learning, stadiums, government facilities, and institutions of every kind
+ Future support options for 4K and higher resolutions, ready for future enhancements

Imagine what it's like to really connect

Since VIEW Pro uses standard Internet Protocol for streaming, ultra high-definition media can be routed and controlled over any local area network or wide area Internet connection. VIEW Pro operates with common commodity switches,

Any Audio from Anywhere

Today's universe of enterprise audio sources and devices includes many types of balanced and unbalanced analog feeds, digital feeds, microphones, conferencing systems, media players, music services and servers, and more. VIEW Pro accepts almost any type of audio input from any device made by any manufacturer, and encodes it for efficient, full-fidelity transmission over the Internet to any destination on an IP network.

On the decoding side, VIEW Pro reproduces any audio streamed over any IP network and delivers an output in any type of digital or analog audio format, including HDMI, USB, TOSLINK, or via common balanced and unbalanced analog audio connectors.

Analog Audio · Multi-Channel Audio · USB Audio · HDMI Audio · Balanced/ Unbalanced

VIDEODSP™

Any Video in Any Digital Format

Almost any live or recorded digital video signal, in any format, any resolution, compressed or uncompressed, from any camera, entertainment system, computer, network feed, or other analog or digital source, can be encoded by VIEW Pro, and distributed over an IP network. At the destination, the video stream can be fed in virtually any format, into any display or video device, through an HDMI interface. Destination devices can include TV sets, computer monitors, digital sign displays, projectors, outdoor LED screens, plasma displays, and more.

VIEW Pro can accept almost any digital video format, of any resolution, at the origination point and distribute it over the Internet, and then convert it and re-scale it into any format or resolution at the destination, for output or display on any video system or device. It's an advanced, all-encompassing solution for short- or long-haul video distribution to and from anywhere.

Image Push · Image Pull · 3D Support · Scale · Encode · Stream

routers, and access points over basic and extended networks. No specialized software or proprietary devices are ever required, and scalability is virtually infinite – add as many end points as needed – there is no upper limit.

AVoIP®

Any IP Network to Any Network Destination

Internet Protocol (TCP/IP or IP) is the modern worldwide standard used by most organizations today for moving data packets cost-effectively across commonly available, commodity-priced computer network switches, routers, and access points. The advantages of using Internet Protocol for transferring video files include ubiquitous interoperability, expandability, high availability, fault tolerance, and cost-effectiveness.

With VIEW Pro, you can deliver ultra-high-quality streaming audio and video over any IP network, to almost any point in the world where a reliable Internet connection is available. VIEW Pro leverages the network investments you've already made – your existing computer network and data infrastructure. If there's already a managed IP network in place, you're wired and ready to stream. No network rewiring or extra cabling is ever necessary – and you'll never need to buy special switches, routers, or interfaces.

Long Distance | USB 2.0 over IP | 1080p Video over IP | Shared Gigabit LAN

Any Control of Any AV Device

The best advantages of BYOD (bring your own device) and BYOT (bring your own technology) are fully enabled by VIEW Pro. Multimedia devices such as large screen televisions, projectors, digital signs, DVD players, satellite receivers, cable boxes, conferencing systems, cameras (pan, tilt, zoom), and many others can be adjusted and controlled over an IP Network through VIEW Pro's included software and control interfaces.

Commands can be sent from iOS and Android™ smart phones and tablets, desktop and notebook computers, universal infrared remotes, or full-featured touch screen media controllers such as those made by AMX®, Control4®, Crestron®, and Savant®. It's easy for any user to take control though VIEW Pro's intuitive user interface. Administrators or integrators can preconfigure the GUI to make command capabilities as simple or extensive as they wish. Full control is always at your fingertips with VIEW Pro.

Control | Instant Switching | Decentralized

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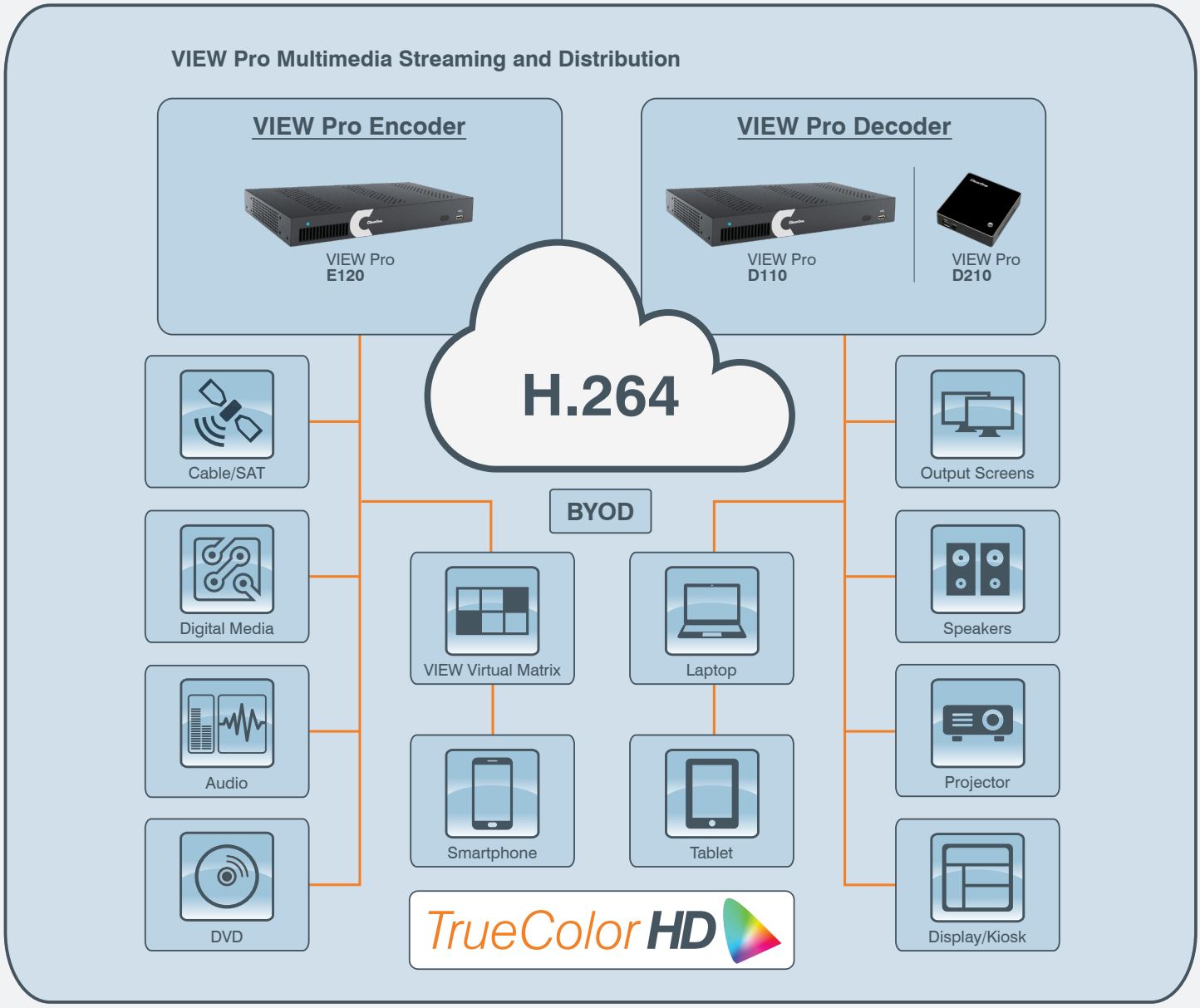
Any Source to Any A/V Display



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