



2015

Concise Catalog

Voice and Visual Communication Solutions

**Media Collaboration**

ClearOne's new line of media collaboration products set themselves apart from anything available in the market. Our portfolio features cloud-based and on-premise video applications, group and room systems, desktop and mobile clients, infrastructure, and management solutions.

**Professional Voice & Microphones**

ClearOne's professional audio conferencing systems and professional microphones bring state-of-the-art audio technology to large-scale conferencing venues such as boardrooms, conference centers, auditoriums, courtrooms, and distance-learning centers. Optimized for professional audio conferencing; including the game-changing Beamforming Microphone Array, new Wireless Microphone System, and powerful Ceiling Microphone Array.

**UC Voice**

ClearOne offers a broad portfolio of award-winning products designed to enhance the user's unified communications experience, from the desktop to the small working conference room— each solution boasting ClearOne's unmatched, rich audio performance.

**Network Media Streaming and Signage**

ClearOne's easily scalable IP-based, AV-distribution network streaming, recording and digital signage solutions deliver the highest-quality video over existing LAN infrastructures.

APPLICATIONS

PRODUCT FAMILY	PRO VOICE CONFERENCING	UC VOICE CONFERENCING		MEDIA COLLABORATION		STREAMING & SIGNAGE	AV DISTRIBUTION
		PERSONAL	GROUP	PERSONAL	GROUP		
SPONTANIA		✓	✓	✓	✓		
COLLABORATE®		✓	✓	✓	✓		
CONVERGE®	✓		✓		✓		✓
INTERACT®	✓		✓		✓		
PROFESSIONAL MICROPHONES	✓		✓		✓		✓
CHAT®	✓	✓	✓	✓	✓		
MAX®		✓	✓				
VIEW®						✓	✓
MAGICBOX						✓	
MEDIA CARTS					✓		

MEDIA COLLABORATION



ClearOne's media collaboration solutions represent a new breed of on-premise and cloud-based video products and services, combining rich functionality with affordability and flexible deployment options. This complete portfolio extends from the mobile device or desktop to the conference room, allowing the solutions to be hosted with ClearOne on-premise infrastructure or to be fully functional without infrastructure, utilizing the ClearOne Spontania cloud.

Spontania

Cloud-based solutions portfolio, providing a full suite of integrated video, web conferencing, and UC applications. These applications can be utilized from our cloud or implemented in your own server or virtualized environment.



Spontania Standard

- + Personal virtual meeting rooms
- + Up to 25 participants per room
- + Hosted in our ClearOne cloud

Spontania Pro

- + Shared virtual meeting rooms
- + 25 participants per room
- + Up to 1000 users with IM and presence
- + Hosted in our ClearOne cloud

Spontania Classroom

- + A virtual learning environment
- + Up to 100 participants per classroom
- + Participants view up to four video streams
- + Hosted in our ClearOne cloud

Spontania Enterprise

- + On-premise software
- + Up to 2,500 users with IM and presence
- + Meeting room size is configurable

COLLABORATE®

A complete portfolio spanning mobile and desktop clients, room solutions, and complete on-premise video architecture with a set of functionality not available in competing products. Built-in recording and streaming, a group system with 9-way MCU, and balanced audio I/O – all available without an add-on media server.

Lower total investment costs, high ROI

- + 20%-40% lower cost than competitive solutions
- + Capabilities the competition charges for - or doesn't offer

Flexible deployments

- + On-premise, BYOD, and popular cloud services compatible
- + Scale your existing standards-based deployment

Easy feature upgrades

- + Future-proof solution with software upgrades
- + Compatible with your existing systems



COLLABORATE Room Pro
















UNITE™ 100 PTZ Camera



COLLABORATE Desktop



COLLABORATE Mobile

		MODEL	IMAGE	DESCRIPTION
Media Collaboration	Cloud-Based	Spontania Standard		Individuals have their own personal virtual meeting room hosted in the ClearOne cloud, with the ability to connect up to 25 participants per room. Easily connect with internal or external team members; using video or voice and feature rich web conferencing tools. Standards compliant video conferencing systems can join using our optional SIP/H.323 gateway.
		Spontania Pro		Groups share virtual meeting rooms with up to 25 participants each - supporting up to 1000 users with instant messaging and presence, hosted in our ClearOne cloud. SIP/H.323 video conferencing systems can join using the included gateway(s).
		Spontania Classroom		Virtual class rooms of 100 participants optimized for distance learning. Instructors select up to four video streams which are seen by everyone.
		Spontania Enterprise		On-premise software for deployment of Spontania in a customer data center. Scales to support up to 2,500 users with virtual meeting rooms of various sizes, includes instant messaging and presence, and SIP/H.323 gateway capabilities.
	Mobile	COLLABORATE® Mobile		Standards-based mobile media collaboration application extends the reach of media collaboration beyond the conference room to tablets and mobile devices (iOS and Android). COLLABORATE Mobile is interoperable with other COLLABORATE products and SIP/H.323 video conferencing systems.
	Desktop	COLLABORATE Desktop		Versatile standards-based application for any desktop or laptop with multiple media transmitting capabilities for video, (up to 1080p), audio, and data. Provides point-to-point conferencing, including built-in recording and streaming without an add-on server.
	Room	COLLABORATE Room Pro		Best-in-class HD media collaboration and video conferencing solution at an affordable price point with built-in recording, streaming, 9-way MCU, dual camera support, and balanced audio I/O all without an add-on server.
		UNITE™ 100 PTZ Camera		Transform any meeting room into a professional grade video collaboration room with the UNITE PTZ Camera. USB 3.0 and DVI-I connectivity enable you to easily add Full 1080p60 HD video to your UC or video application. Powerful 12X optical zoom and 70° wide angle field of view make this camera ideal for medium to large meeting spaces.
		COLLABORATE Room Pro & Beamforming Microphone		Directly connect our award-winning Beamforming Mic Array with our 1080p COLLABORATE Room Pro systems, without an external mixer. Extend conference room capabilities beyond basic meetings, ensuring everyone in the room can be heard at any time, and replacing up to ten traditional microphones - with twice the pickup range.
	Mgmt	COLLABORATE Central		Flexible and versatile management system that delivers user administration, bandwidth management, QoS prioritization, moderation, scheduling, device management, license management, and gateway functionality for SIP and H.323 endpoints.
	Infrastructure	COLLABORATE Control		All-in-one visual communications infrastructure solution provides everything a business needs in the network, including appliance endpoint registration (SIP or H.323), multipoint control functionality supporting 24 concurrent calls and 200 registered users.
		COLLABORATE NetPoint - Firewall/Nat Traversal		Designed to enable firewall transversal for both inbound and outbound video traffic, safely extending the benefits of IP-based video communications beyond the edges of the managed data network.
	Media Carts	Media Stands and Carts		Transforms any meeting space into a complete, media collaboration and conferencing room, allowing you the ease of mobility and the power of a large HD display at an affordable price. Unique carts such as the Titan Articulating Dual Plasma Cart, fit monitors from 42"-50" HD display support, with folding options for easy transport and storage.

PROFESSIONAL VOICE



High-quality audio conferencing systems are critical for enabling productive meetings where decisions are made quickly and important issues are addressed.

ClearOne's professional audio products are the most sophisticated, feature-rich systems on the market, offering unrivaled audio processing performance.

INTERACT® Pro

A complete, professional audio conferencing solution with true stereo echo cancellation at an unbeatable price, allowing direct connection to enterprise telephones, PCs and HD media collaboration systems.



Enable UC in the conference room

- + USB port connects to PC for Skype™, WebEx® and other AV conferencing applications
- + Headset port connects to Cisco®, Avaya, and Nortel® handsets

Unmatched HDConference® audio technology

- + Proprietary echo and noise cancellation prevent distracting audio
- + True full-duplex performance allows user to listen and speak at the same time without audio cutting in and out
- + Gain and level controls adjust mic and speaker levels automatically
- + First-mic priority intelligently focuses mic levels based on who is speaking
- + Adaptive modeling continuously samples room acoustics for any changes

CONVERGE® Pro

A series of next-generation professional audio conferencing products delivering a new level of unrivaled performance, flexibility, and manageability.



Superior audio performance

- + Next-generation Distributed Echo Cancellation® on every mic input
- + First-mic priority delivers clear audio to the far end
- + 20 Hz-22 kHz bandwidth for full-range audio response

Flexible configuration

- + Link multiple units for extensive mic coverage; up to 16 phone lines
- + Enhanced expansion bus— 18 mix-minus audio busses for routing between units
- + Ten mic-gating groups separate mics into individual mixer gating groups
- + 32 presets and 255 customize macros can be executed on-the-fly

- NEW -

CONVERGE® MATRIX

A complete mixer and router that provides new opportunities for large scale pro audio installations with up to 512x512 audio channels, with the CONVERGE product line using Dante™ audio-over-IP networking technologies.



- + Field upgradable to expand with additional 256x256 channels to make it 512x512
- + Dante networking technology for Digital audio distribution
- + Audio channels mixing and routing
- + Groups/Zones configuration
- + Full matrix view, filtered matrix view
- + Highly Scalable, reliable, modular system adds flexibility
- + Complete system redundancy support for network and device
- + Applicable for sound reinforcement, live announcements, pre-recorded audio, emergency information, background music, paging

	MODEL	IMAGE	DESCRIPTION
Pro Voice Solutions	Pro Audio Conferencing	CONVERGE® Pro 880	Complete audio system that delivers rich functionality with improved audio performance, enhanced management, and simplified configuration for audio conferencing applications.
		CONVERGE Pro 880T	Rich functionality with eight built-in mic inputs, enterprise-telephone interface, enhanced management features, and simplified configuration.
		CONVERGE Pro 880TA	Complete conferencing system featuring an automatic, digital matrix mixer, eight microphone inputs and an integrated, four-channel power amplifier for the sharpest audio experience possible.
		CONVERGE Pro 840T	Scalable solution combines the features of the CONVERGE Pro 880 with a built-in telephone interface and 10-watt power amplifier for standalone conferencing capabilities.
		CONVERGE Pro 8i	Input-only expansion box for the CONVERGE Pro platform. Can be added to all CONVERGE Pro systems, delivering new economical configuration flexibility for additional mic and line inputs.
		CONVERGE Pro TH20	Enables conference call functionality for CONVERGE Pro installations with a single telephone line connection and two line-level inputs and outputs; scalable up to 16 units for increased system capacity.
		CONVERGE Pro VH20	VoIP end-point device enables CONVERGE Pro to connect directly to a SIP-based phone system or to transport audio on an IP network without the need of a VoIP PBX.
		INTERACT® Pro	Provides unmatched audio performance and scalability with simple configuration. Connects directly with enterprise telephone, HD conferencing systems, UC endpoints and desktop UC applications such as Skype® and Microsoft® Lync®.
		INTERACT Pro 8i	Input-only device adding an additional 8 microphone inputs to the INTERACT Pro conferencing mixer. Includes true stereo Acoustic Echo Cancellation (AEC) and audio signal processing on microphone inputs required for conferencing.
	Pro Sound Reinforcement & Distribution	CONVERGE MATRIX	Mixer and router provides new opportunities for large scale pro audio installations with up to 512x512 audio channels, with the CONVERGE product line using Dante™ audio-over-IP networking technologies.
		CONVERGE SR1212	12x12, automatic digital matrix mixer with unrivaled audio processing performance, simplified configuration software for conferencing, and sound-reinforcement applications.
		CONVERGE SR1212A	12X12 automatic digital mixer with unrivaled audio processing performance, simplified configuration software, and four built-in power amplifiers.
		Sabine® FBX2410 Feedback Exterminator®	Super-fast automatic feedback control, with quick and quiet setup, increased headroom and a reduced noise floor. Accurately distinguishes music from feedback, filters with 1 Hz resolution, and provides more gain before feedback (6 to 9dB typical). With 24-bit digital resolution, three-color LED filter display, and 12 filters per channel.

PROFESSIONAL VOICE



BEAMFORMING MICROPHONE ARRAY

The Pro-Audio industry's first professional-grade microphone array with beamforming and adaptive steering technology. The ultra-sleek design fits into any conferencing environment and delivers the clearest audio pickup available.

- + Next-generation Acoustic Echo Cancellation (AEC)
- + Flexible ceiling, tabletop and wall modes
- + Camera tracking for wall-mount installation
- + Replaces up to 10 traditional microphones, with twice the pickup range
- + Adaptive acoustic processing automatically adjusts to room configuration, rejecting unwanted noise and reflections
- + Daisy-chain up to three arrays per CONVERGE Pro unit for larger room applications
- + Available in both glossy white and black finishes

WIRELESS MICROPHONES (powered by SACOM)

Professional audio quality with multiple mic options for wireless freedom and simplified setup.



- + Crystal-clear audio with wideband frequency
- + Hassle-free installation and clean, wireless look
- + Daisy-chainable receiver—scales up to 32 mic channels
- + Highly secure 256-bit encryption
- + Rechargeable, field-replaceable, off-the-shelf-batteries
- + Transmitters include Tabletop or Boundary, Gooseneck or Podium, Handheld and beltpack
- + Dante™ networking support for transporting digital audio over Ethernet

CEILING MICROPHONE ARRAY

The richest ceiling microphone sound in the industry.














- + Unbeatable 360-degree coverage in a compact form factor
- + Unbeatable affordability with a sleek, unobtrusive design
- + Three unidirectional elements reduce reverberation and noise
- + Multiple arrays can be connected to any CONVERGE Pro or INTERACT mixer with standard CAT5 Ethernet cable
- + Simple 12" and 24" drop-down ceiling installation options

WIRED MICROPHONES

Match the requirements of any application with a variety of tabletop microphone options, providing the highest-quality conferencing audio.



- + Excellent pickup range with unidirectional pattern
- + Low-cut filter rejects unwanted noises
- + Unobtrusive and aesthetically pleasing
- + Sleek, low-profile design to maximize table space

		MODEL	IMAGE	DESCRIPTION
Pro Voice Solutions	Pro Microphones	Beamforming Microphone Array		The Pro-Audio industry's first professional-grade microphone array with beamforming and adaptive steering technology and next-generation AEC. Works with CONVERGE® Pro & COLLABORATE® Room Pro. Available in both glossy white and black finishes.
		Ceiling Microphone Array		Three wide-range microphones mounted together into a single unit array, provide the rich sound of three individual unidirectional microphones while maintaining full 360-degree coverage. Connect multiple arrays with standard Cat5 cable to CONVERGE Pro or INTERACT® mixers.
		Wireless Microphones		Powered by SACOM, and is optimized to work with CONVERGE Pro and INTERACT Pro products. Includes four models of wireless microphones/transmitters, and a base station receiver with either 4 or 8 channels, which connects to professional audio mixers. Also works with 3rd party mixers.
		Wireless Dante™ Microphones		Wireless Receiver comes with built-in Dante™ networking support for transporting digital audio over Ethernet. The most economical, versatile and easy to install, use, and scale wireless system on the market today. Complements other professional audio products from ClearOne including CONVERGE Matrix and CONNECT Dante bridge for CONVERGE Pro.
		Wired Microphones		Match the requirements of any application with a variety of tabletop microphone options, providing the highest-quality conferencing audio.
	Network Bridge	CONNECT® Dante™		Provides networked audio distribution capability to CONVERGE® PRO and SR products. Is a flexible Internet Protocol (IP) and Ethernet based audio network technology.
		CONNECT CobraNet		Provide networked audio for CONVERGE Pro devices, using CobraNet standards, without changing main mixer hardware and the ability to scale up with new standards.
	Accessories	CONVERGE USB		Plug-and-play USB audio break-out-box connecting CONVERGE Pro audio to desktop media collaboration applications and desktop UC applications without any firmware or software upgrades. Carries up to 18 channels and multiple units can be used to extend standard expansion bus distance far beyond 200 feet.
		Tabletop Controller		Intuitive, cost-effective controller for CONVERGE Pro to easily start and navigate an audio conference without the need for touch-panel control systems.
		INTERACT Wired and Wireless Dialer		Wired or wireless tabletop dialer option for INTERACT solutions, providing full control of the room audio and dialing capabilities.
		INTERACT COM and COM-W		Wired or wireless 2.4 GHz audio interface for INTERACT solutions, providing USB audio and headset audio associated with enterprise telephones.

UC VOICE

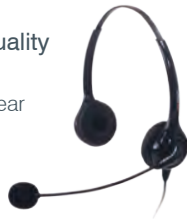


ClearOne's UC Voice portfolio continues to expand to meet user needs from open-office or cubicle to executive office, boardroom or auditorium; enabling all users to experience the highest-quality audio and visual communications.

CHAT® USB Headsets

Comfort, durability and legacy audio quality

- + Advanced, microphone noise-cancelling technology keeps conversations crystal-clear
- + Acoustic Shock Protection (ASP) technology prevents volume spikes or high-pitched tones



CHAT & CHATAAttach® Group USB Speakerphones

USB PC speakerphones provide unmatched audio clarity and simple connection to multiple devices

- + CHAT 160 is Skype®-certified, CHAT 170 guaranteed compatible with Microsoft® Lync®
- + Superior hands-free audio, bridging video, UC, and web applications with analog calls
- + True full-duplex performance allows user to listen and speak at the same time without audio cutting in and out
- + Proprietary distributed Echo Cancellation® and Noise cancellation prevent distracting audio
- + Automatic gain and level controls adjust mic and speaker levels
- + Full 360-degree coverage up to 8 feet from device
- + Daisy-chain two CHATAAttach speakerphones for larger coverage
















CHAT Personal USB Speakerphones

ClearOne's market-leading HD Conference® audio technology provides crystal-clear conferencing sound

- + CHAT 60 is Skype®-certified, and CHAT 70 guaranteed compatible with Microsoft® Lync®
- + True full-duplex performance allows user to listen and speak at the same time without audio cutting in and out
- + Proprietary distributed Echo Cancellation® and noise cancellation prevent distracting audio
- + Automatic gain and level controls adjust mic and speaker levels
- + True plug-and-play capability
- + Full-duplex cell-phone audio without a headset
- + Full-band frequency audio playback for handheld and mobile devices
- + Hands-free gaming audio with VoIP applications such as teamSpeak, Ventrilo, Roger Wilco®, and others



		MODEL	IMAGE	DESCRIPTION
UC Voice	USB Speakerphones	Headsets		
		CHAT® 10D		The most affordable UC headsets on the market, with proprietary noise cancellation and acoustic shock protection; combining comfort, durability, and the legacy audio quality you expect from ClearOne.
		CHAT 20D		
		CHAT 30D		
		Generic/IBM		
		CHAT 50		Portable, personal speakerphone, connects to a variety of devices for hands-free USB-powered conferencing. Provides crystal-clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
		CHAT 150		Personal/group speaker phone, used for two-way audio (VoIP softphones, web collaboration applications, instant messaging), or simply used as a large loudspeaker for audio playback, powered through USB.
		CHAT 150 USB		Personal/group speakerphone, connects to desktops and laptops via USB (web collaboration applications, instant messaging), for rich, full-duplex, hands-free audio, powered through USB.
		CHAT 150 for Enterprise Phones		Personal/group speakerphone, connects to enterprise phone systems (ad-hoc bridging capabilities allow a USB/analog mix) for rich, full-duplex, hands-free audio.
		CHAT 150 VC		Personal/group USB speakerphone, providing rich, USB-powered audio for media collaboration codecs.
		CHATAttach® 150		Group USB speakerphone with two, daisy-chained phone units, brings clear, full-duplex audio to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.
		Skype		
		CHAT 60		Skype-certified, portable, personal speakerphone, connects to a variety of devices for hands-free, USB-powered conferencing. Provides crystal clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
		CHAT 160		Skype-certified, personal/group USB speakerphone, connects to desktops and laptops to provide rich, hands-free Skype calls for medium and large conferencing rooms.
		CHATAttach 160		Skype-certified group USB speakerphone, brings clear, full-duplex audio conferencing to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.
		Microsoft Compatible		
		CHAT 70		Portable, personal speakerphone, guaranteed compatible with Microsoft® Lync®. Designed to provide crystal clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
		CHAT 170		Personal/group USB speakerphone, guaranteed compatible with Microsoft Lync. Connects to desktops and laptops to provide rich, hands-free, USB-powered conferencing for medium and large conferencing rooms.
		CHATAttach 170		Group USB speakerphone, guaranteed compatible with Microsoft Lync. Brings clear, full-duplex audio conferencing to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.

UC VOICE

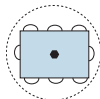


MAX®

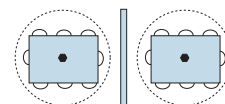
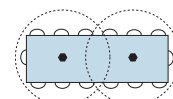
Provide premium, full-duplex audio with unmatched scalability. Integrating ClearOne's industry-leading professional audio technology and advanced processing, MAX is the perfect solution for small conference rooms as a single unit, and also scales to cover medium and large conference rooms.

Tabletop Configurations | Wireless Conferencing Configurations

MAX® Wireless - Designed to work in smaller conference rooms, the single conference phone connects wirelessly to the base unit for secure, encrypted transmissions.



MAXAttach® Wireless - Two wireless phones, connected to a single base unit, provide coverage for a medium-scale conference room or two smaller conference rooms.

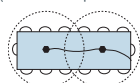


Wired Conferencing Configurations

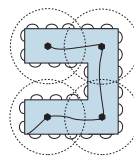
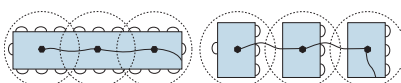
MAX EX



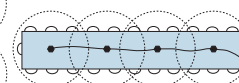
MAXAttach
(MAX EX + expansion kit)



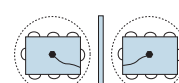
MAXAttach + 1 expansion kit



MAXAttach + 2 expansion kit



MAX EX expansion base



MAX EX Expansion Kit
Use with any MAX Phone to expand coverage up to 4 total units.

Expansion Kits to be used in separate rooms. Includes power supply and 25' (7.5m) cable.



INTERACT® AT














Add professional sound with the simplicity of popular UC and web applications to any conferencing room. INTERACT AT includes all the necessary audio equipment and peripherals for any conference room while delivering exceptional audio quality at an affordable price.

Plug-and-play installation

- + Simple USB connections to bridge calls with IP and analog telephony, video, and web conferencing
- + As simple as installing a conferencing phone
- + No programming required

Rich-media systems collaboration

- + Media collaboration
- + Web conferencing— INTERACT AT-Skype is Skype®-certified, and INTERACT AT-OC guaranteed compatible with Microsoft® Lync®
- + Personal computer
- + IP telephony

		MODEL	IMAGE	DESCRIPTION
UC Voice	Conference Phones	Analog	Wired	MAX® EX  Industry's first fully scalable tabletop conference phone, delivers unrivaled audio clarity and room coverage.
				MAXAttach®  Fully scalable conferencing with unmatched, full-duplex audio clarity. Two complete phone units can be scaled to as many as four, with unrivaled microphone and loudspeaker coverage in larger rooms.
				MAXAttach + 1  MAXAttach with three phone units, each providing full dialing and call control.
				MAXAttach + 2  MAXAttach with four phone units, each providing full dialing and call control.
		Wireless		MAX Wireless  The industry's first wireless analog conference phone, offers the audio quality of MAX EX without power or telephone cables.
				MAXAttach Wireless  The industry's dual-phone wireless tabletop conferencing system (scalable up to 2 phones), provides expanded wireless coverage for medium-sized conference rooms, delivering clear, full-duplex audio – all with no cables in the way.
		VoIP		MAX IP  The industry's first fully scalable SIP-based VoIP tabletop conference phone, delivers unrivaled audio clarity and room coverage for your VoIP phone system.
				MAXAttach IP  The industry's first fully scalable SIP-based VoIP tabletop conference phone (up to four phone units), delivers unrivaled audio clarity and room coverage for your VoIP phone system.
		Premium Audio Conferencing Pro		INTERACT AT  Complete and flexible room audio conferencing solution, for high-quality audio with desktops or laptops. Delivers professional audio with plug-and-play installation, including all the necessary audio equipment and peripherals.
				INTERACT AT Skype  Skype certified, the only room conferencing solution with built-in audio conference bridging and interoperability for media collaboration, unified communications and teleconferencing.
				INTERACT AT OC  Guaranteed compatible with Microsoft® Lync®, the only room conferencing solution with built-in audio conference bridging and interoperability for media collaboration, unified communications and teleconferencing.
		Accessories		INTERACT MIC  3-element microphone pod providing complete, 360-degree coverage. Daisy-chain up to 3 devices, connected to INTERACT through single, Cat5 cable.
				INTERACT MIC EX  Direct interface to any professional microphone through 3 XLR connectors and built-in phantom power. Use up to 3 MIC EX devices with a single mixer.

STREAMING & SIGNAGE



VIEW® streaming multimedia products deliver the ultimate *AV over IP™* experience by streaming high-definition audio and video and control over TCP/IP networks.

By combining audio and/or video content, meta-data, and control signals into one stream, over existing IP networks, ClearOne's StreamNet® solutions enable *The Power of AV over IP™* for burgeoning markets such as digital signage, enterprise multimedia streaming and even home entertainment.

VIEW® Pro

ClearOne's VIEW Pro delivers the highest-quality multimedia streaming over an existing IP network. Experience the ultimate 4:4:4, true-color digital media distribution— unmatched in scalability and ease of deployment.

- + Efficient H.264-based streaming with lossless compression, bandwidth-efficient high-profile encoding, and low end-to-end latency
- + Ultra high-quality video— 4:4:4 and 4:2:0 color space support and video scaling
- + Standard computer resolutions hot-swap supported, up to 1920x1080@60 fps (1080p60), scaling by decoder to match the connected display
- + Compatible with StreamNet® technology for auto-discovery and selection, configuration, and simple control using TouchLinX and VIEW Virtual Matrix software
- + RS232, GPIO, and IR support for trigger and control events



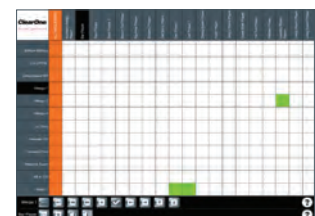
VIEW Pro Additional Feature Licenses















- + **Composition/Video Wall Licenses** - These 2 composition support licenses (one for VIEW Pro Encoders and one for Decoders) enable multiple streams/zones to be shown on a single display, and allows for producing images suitable for multi-display video walls
- + **RTSP/UDP Licenses** - The VIEW Pro Encoder license allows H.264 streams to be sent to 3rd-party decoders; and the VIEW Pro Decoder license enables receiving H.264 streams from 3rd- party IP streaming devices such as VLC, streaming servers, or IP cameras. Also supports unicast and multicast streams
- + **StreamNet Audio Licenses** - These 2 audio support licenses make the VIEW Pro and legacy StreamNet/VIEW devices audio-compatible
- + **Local Playback License** - The Local Video Playback support license for VIEW Pro Decoders enables local playback of supported video files from an external USB drive connected to the decoder
- + **USB HID License** - The USB HID support license for VIEW Pro decoders enables connecting an HID (Human Interface Device) compliant keyboard and mouse to the decoder which then extends the mouse and keyboard to the mouse and keyboard ports of the video source connected to a VIEW Pro encoder

VIEW Virtual Matrix (VVM) Software

Provides the user with simple and single screen control for an entire StreamNet deployment.

- + Provides the user with simple, single-screen control for an entire StreamNet deployment
- + Complements StreamNet projects by adding a control option through any connected Microsoft Windows 7/8 OS computer, Android smartphone/tablet, or iOS iPhone/iPad device including Mac OS X 10.9 Mavericks
- + Performs auto discovery of the connected StreamNet products; representing them in the matrix view
- + Users can easily choose & control the connected encoder (source) & decoder (destination)
- + Supports both VIEW and VIEW Pro devices



		MODEL	IMAGE	DESCRIPTION
Streaming & Signage	Multimedia Streaming	AV Encoders & Decoders		
		VIEW Pro E120 Encoder		Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60 (1080p60). Dual HDMI inputs and StreamNet® compatible for auto-discovery, configuration, and control. Supports video composition.
		VIEW Pro D110 Decoder		Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60. Supports video composition. Single HDMI output for full 1080p & HDCP for protected content. StreamNet compatible for auto-discovery, configuration, and control.
		VIEW Pro D210 Decoder		The economical VIEW Pro D210 decoder incorporates some of the same performance features as the larger VIEW Pro D110 decoder including 1080p60, H.264 high-definition HDMI video-audio, and 4:4:4 true-color output. It differs from D110 decoder in the following – balanced audio & analog audio outputs, IR & GPIO controls, clock-synchronized video output.
		VIEW MLAV9500 Digital AV Encoder		Encodes each digital source component, making it available to a virtually unlimited number of displays anywhere on the StreamNet network, without the need for additional control components.
		VIEW VL9300 Digital AV Decoder		IP-based decodes full HD 1080p audio/visual content at each display on the StreamNet network, eliminating the need for additional control components.
		VIEW MLAV9300 Analog AV Encoder		IP-based audio & video encoder for real-time encoding of both SD and HD video signals from legacy video sources into digital TCP/IP packets: composite, S-Video, component, VGA in, S/PDIF multi-channel & analog 2 channel audio inputs. Lowest latency across the StreamNet network, with one-way and two-way control and power management of the source.
		VIEW MLAV300 Analog AV Encoder		IP-based real-time encoding of audio and video signals from legacy video sources into TCP/IP packets. Uncompressed AV streams can then be distributed and synchronized over the StreamNet network delivering the highest quality with the lowest latency at data rates of up to 1Gbps.
		VIEW VL9100 Analog AV Decoder		Decodes in real-time both SD and HD video and audio signals at each display on the StreamNet network, eliminating the need for additional control components. Each zone is synchronized within 500 microseconds to prevent echo.
		VIEW VL100 Analog AV Decoder		IP-based audio video decoder unobtrusively mounts adjacent to displays, providing real-time decoding of a TCP/IP uncompressed AV stream from a standard Gigabit TCP/IP network into an analog or S/PDIF audio signal and a component, composite, S-Video or VGA video signal for output to a display.
		VIEW MLA9101 Audio Encoder		The gateway for network audio, encodes and prepares audio for distribution across the StreamNet network, providing one-way and two-way control and power management of the source.
		VIEW MLA101 IP		IP-based converter – provides real-time conversion of legacy-source analog or digital audio signals into TCP/IP packets, delivering the highest quality with the lowest latency at data rates of up to 1Gbps.
		VIEW IMPRESS® IM100		Scalable digital signage system that is integrated with the StreamNet network for single-source control of multiple HD video displays.
	Software	VIEW Multimedia Receiver (VMR) Software		Provides the user with a Microsoft Windows 7 PC software decoder to receive compressed multimedia or audio streams from StreamNet® encoder devices such as the MLAV9500, SpeakerLinX or ViewLinX device.
		VIEW Virtual Matrix (VVM) Software		Complements StreamNet projects by adding a simple and single-screen control option through any connected Microsoft Windows 7/8 OS computers, and Android, iOS devices. Also gives complete project view of the connected StreamNet products.

STREAMING & SIGNAGE

VIEW®

By streaming multimedia over TCP/IP, drastic improvements in flexibility, scalability, and price/performance are achieved over traditional AV distribution methods.

Superior audio performance

- + StreamNet® technology maintains audio/video synch between each zone within 500 microseconds
- + Decentralized architecture handles high-capacity, AV digital signal processing without slowing
- + DVI/HDMI Video Input, Full HD 1080p, SD and HD video encoding

Unmatched flexibility and compatibility

- + Virtually unlimited displays with the ability to scale by one
- + Unmatched source and legacy system compatibility with analog and digital (HDMI) audio outputs
- + Complete media room and source control using IR, RS-232 and CEC
- + Flexible rack and surface-mounting options



VIEW MLAV9500



VIEW VL9300

MagicBox® WebSuite— Cloud-Hosted SaaS

Cloud-based digital signage software platform allows control of an entire signage network from any web browser at any location.

- + Control administrative rights for multiple users across multiple projects
- + Maintain and organize content with a cloud-hosted server for safe and secure storage
- + Access account through any browser platform
- + Push and pull methods send content to media server immediately or at scheduled intervals, respectively
- + Easily scale a signage network
- + Reduce overhead costs by leveraging efficient platform maintenance and security in the cloud



MagicBox® WebSuite— On-Premise Server (ELS)












An on-premise server for multiple Avelin® media player deployments, the ELS supports up to 5, 15 and 25 field-upgradable players.

- + Unlimited number of user accounts
- + Manage and maintain server and players on a secure network behind a firewall
- + Push and pull methods send content to media server immediately or at scheduled intervals, respectively
- + E-SATA port for external hard drive backup
- + Gigabit Ethernet for high speed network communication
- + No recurring costs



		MODEL	IMAGE	DESCRIPTION
Streaming & Signage	Multimedia Streaming	Audio Decoders & Amplifiers	VIEW SLX300	Powerful digital amplifier and zone controller, featuring two channels at 100 watts in a small form factor. Easily connected to a StreamNet-enabled network, the built-in web server and browser-based interface provide simple control from any Flash-enabled device.
			VIEW SL251	IP-based controller/amplifier designed to mount on or adjacent to a loudspeaker. Includes 2 built-in 50-watt amplifiers and flash-enabled Web server to provide complete control from any computing or display device that hosts a web browser.
			VIEW SL9250	IP-controlled 2 x 50 watt class D amplifier/web server for complete control from any web-enabled device. The SL9250 supports virtually unlimited zones, system-wide synchronization and digitally perfect audio distribution with a built-in 4-band graphic equalizer and 12 DSP presets.
			VIEW SL254	IP-based controller/amplifier designed to mount on or adjacent to a loudspeaker. Includes 4 built-in 25-watt amplifiers, 4-band graphic equalizer with 12 DSP presets and crossover for IP-ready speakers.
			VIEW AMP2200	Professional amplifier with an EIM interface for direct connection to an SL audio decoder. Provides 200 watts per channel or 600 watts bridged for use with ClearOne products or with third party systems.
	Source and Control Interfaces		VIEW TL700	IP-based, in-wall, LCD touch screen, featuring a 7-inch, high-resolution, TFT color display for audio file meta-data and transport controls for each audio/video source.
			VIEW TL430	IP-based, in-wall, LCD touch screen, featuring a 4.3-inch, high-resolution, TFT color display for audio file meta-data and transport controls for each audio/video source.
			iPod® Dock IPD100	Interface for Apple® iPod media players with DigiLinX system through SpeakerLinX local input port to become an integral part of a multi-room audio system.
			BluePort® BP200	Simple-to-use digital wireless audio gateway, to transmit digital audio from a source with Bluetooth A2dP support up to 33 feet to a DigiLinX, VIEW™, or NaimNet multi-room system.
	Power & Accessories		VIEW PL140	40-watt power supply designed to locally power individual devices.
			VIEW PL250	100 Watt plug-in power supply designed to power one SL251 and one TouchLinX touch screen, as the perfect solution for retrofit installations.
			VIEW PL960	Intelligent power supply featuring 8 discrete power-output channels for multiple VIEW devices. Designed to distribute up to 21 amps @ 28 VDC of power for installations incorporating the SL251, supporting multiple SpeakerLinX products.

STREAMING & SIGNAGE

		MODEL	IMAGE	DESCRIPTION
Streaming & Signage	Server	WebSuite SaaS		A cloud-based digital signage software platform. Available in both SaaS and our on-premise server. Players and content can be controlled from a web browser at any location.
		Entry-Level Server (ELS) with WebSuite		On-premise, self-hosted server for the WebSuite digital signage platform with maximum security and enterprise-level management.
	Software	Avelin Composer		Included with each Avelin system, used to create and schedule content. Easily installs on a Windows PC with an intuitive drag-and-drop interface containing everything needed to create quick and effective content.
		EZ-Stream		Database integration software with a flexible template designer. Interfaces with a large variety of database sources, allowing user to automate extraction and display of data on MagicBox Player or Room Roster.
		E-Blast		E-Blast software is a handy application for sending time critical messages to your Digital Signage system that needs to be created and seen quickly.
	Media Players	Avelin AV1080P		Rack-mountable player combining high-resolution output and multiple video inputs with the horsepower to drive even the most demanding multimedia content.
		Avelin SignMate AV800/AV800V		The power of the Avelin 1080p with fewer video inputs. Small form factor designed for rack mounting or to sit behind a display.
		Avelin Café AV500		Ideal for digital menu boards, lobby displays showing scheduling information, or advertising. Includes Composer software and/or EZ-Stream. Available as web-based or desktop.
		Avelin SDRT AV200		Rack-mountable player with composite output and 4 video inputs. Supports 4 overlay regions, flash, and short video clips. Designed for use on cable access channels.
		Avelin SD AV100		Rack-mountable player with composite output. Supports 4 overlay regions, flash and short video clips. Designed for use on cable access channels.
	Room Display	RoomRoster™		Power over Ethernet (PoE) capable, bundled with EZ Stream software to extract information from a database. Can be surface or in-wall mounted outside of conference room.

ABOUT CLEARONE



ClearOne is a global company that designs, develops and sells conferencing, collaboration, streaming and digital signage solutions for voice and visual communications. The performance and simplicity of its advanced comprehensive solutions offer unprecedented levels of functionality, reliability and scalability.

Our products are used by organizations ranging from Fortune 100 to medium and small businesses. These companies include a wide range of markets, such as: enterprise, healthcare, education and distance learning, government, legal and finance.

Our solutions save organizations time and money by creating a natural environment for collaboration and communication.

Great ideas need to be heard

^
and seen

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