

Interactive Video Conferencing K-12 applications



Why Interactive Video Conferencing?



"..It's like doing fun math, instead of sitting in class doing boring math." – Joshua Allison after an AVer IVC adventure, 7th Grade, San Jose, CA.

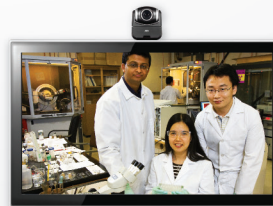
As a leader in the Ed-Tech market, we are big believers in Interactive Video Conferencing (IVC) as a key piece of student engagement and collaborative interaction. Why? In the words of Michael Sbarbaro, 8th grade teacher, "they are acting and behaving as if this [IVC event] was real, which makes the math and science completely come alive." Thank you Michael, we couldn't have said it better. We agree, the key to an engaged student is to make learning feel worthwhile by correlating classroom knowledge to real world know-how.

K-12 applications:



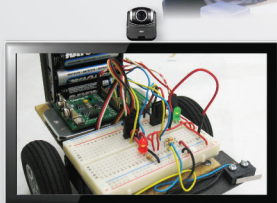
Interactive, virtual field trips

Learn anatomy from a forensic pathologist, math by "preventing" a geological catastrophe and art from real museums. Real life scenarios in classroom study.



Bring in experts

From corporations, cultural institutions, researchers to colleges and more, there are no limits for partnering with experts to give students a taste of the future.



Access previously unavailable courses

Advanced honor courses, robotics, graphic design and more, campuses can connect and pool resources in order to offer specialized programs to all students.



Professional development

For continuing education, training and meetings, nothing beats the travel time and cost savings like interactive video conferencing.

Why AVer?



Web Conferencing
This video: too cheap & unreliable



Traditional Video Conferencing
This video: too costly & complicated

AVer Video System
This video: juuust right



The Goldilocks Approach: don't settle for anything other than just right

Sure, Goldilocks can be accused of burglary, but to her credit she never settled. Too often when schools move towards interactive video conferencing, they settle for either garbled web conferencing or complicated \$15,000 machines. There is no middle ground – until AVer. AVer is the “just right” solution that is both easy-to-use and easy-to-fund.



Easy-to-buy

Only one SKU to purchase and all necessary components are included out of the box. No need to search endless catalogs for the right cables, codec or camera.



Easy-to-use

Who needs a professional video conferencing technician? We don't. AVer's video systems are plug-n-play, take minutes to set-up and once up, are effortless to navigate.



Easy-to-maintain

No hidden fees – guaranteed. All firmware and software updates are included without any ongoing service fees of any kind. We also back our product quality with the only 3-year warranty in the industry.



Easy-to-fund

At around a 1/3 cost of traditional machines, AVer systems are built so that your school has access to professional solutions that provide clear and reliable video – at a price that most budgets can fund.

"There's no confusion in the product at all – its one price, you get it all. The warranty that comes with it is unheard of." – Mike Maison on AVer IVC systems, M&D Video Technology Consulting



Why AVer's HVC series



AVer's HVC series is an "A" for more than effort. It adds a "pow" to the powerful interactive video conferencing experience with stunning video, crystal-clear audio and a gamut of easy-to-use features that make the event feel personal and as if all connected parties are in one room. Use the HVC310 for a multi-point experience with 4 parties or add an end-point to your existing infrastructure with the HVC110.



HVC310:

Make that a four-way conversation

A virtual zoo trip shared with others in the district. A French teacher that's in four places at once. The list is endless for ways that the HVC310's integrated 4-way MCU comes in handy.



HVC110:

Make that a worry-free end-point

Add an end-point to a library or media-center and speak to any other AVer or H.323 system. The HVC110 is the easiest and most affordable way to add or extend your IVC infrastructure.

Why AVer's HVC series



H.323 - One size fits all

The HVC series uses H.323 standard and connects to any other H.323 system no matter the brand. Since most content providers and major IVC brands also use H.323, connectivity is never a problem.



Record what you see (and do)

You can record your interactive lessons to a USB flash drive and playback the footage through the unit or any PC. A cow eyeball dissection? This you've got to save and share.



3rd party microphone support

Integrate your current audio system with the HVC. Now when you speak via a headpiece or wireless microphone, not only do your students hear you, but also everyone on the HVC's connected classrooms.



Full duplex audio and echo cancellation with dual directional mics

It's a mouthful, but basically it means that the HVC provides perfect sound. Clear and smooth when you listen, sharp and crisp when you speak. No echo or interference of any kind.

"They are acting and working as if this was real, which makes the science and math completely come alive." – Michael Sbarbaro after using AVer IVC, 8th grade science teacher, San Jose, CA



Touchboards

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The AVer Edge. Mobility like you've never seen before.

Phone it in.

With a free and quick download, the AVer VCLink app for iPhone, iPad, Android smartphones and Android tablets transforms your mobile device into a fully functional remote. Now as easily as you dial a phone number, you can start a HVC video session, share content, reposition the camera and more.

IT has control

That's right IT has control. We mean your technical administrator of course. With a simple and free download of the HVC's Webtools, your technical administrator can fully control the HVC system from anywhere through any PC as if they were standing right in front of it. Forgot how to make a call? Don't know how to share content? Hanging-up has become a hang-up? No worries. With Webtools, help is only a call away.



It really is a remote

Call a number, control camera position (pan-tilt-zoom), adjust layouts and share content. Never worry about a lost remote again.



It has a phonebook that's always up to date

Sharing a common IVC system in the library? Your VCLink* app will always be synched with the latest content providers and contacts in your library's system. You can also privately store numbers for experts, colleagues and IVC systems that you individually use. *Apple or Android app store.



It always shows your perfect profile

Your class is in the media center for your weekly IVC session. Last time you set the camera's position to the perfect angle that shows all your students and somebody moved it. No problem; because you saved the angle as a "profile" in VCLink, the camera will automatically reposition itself to that perfect angle.



It loves to take videos and pictures to share

Your class is working on a city-wide gardening project with another school across town. During an IVC session, the other school is curious about the flowers your students are planting. Capture them by using your mobile device's camera and tapping on the "snapshot" or "record" button. Then quickly share the image or video through the VCLink's mobile sharing features.

Integration with classroom tools and content



Document camera, interactive white board or computer – the HVC loves to share them all. One quick tap on the remote control's "present" button is all that it takes. The HVC also offers dual display support so that you can share your content on one monitor while still seeing all connected rooms on the other.

- ✔ Share class projects under the doc cam for city-wide campus collaborations
- ✔ Perform diagrams and math calculations on your interactive whiteboard software for all connected classrooms to see
- ✔ Display any applications, PDFs or websites on your laptop to share with faraway colleagues

"I believe that videoconferencing is an innovative and important tool that can be used to help promote global communication and collaboration for students to develop as 21st century citizens." – Melodie Brewer, 5th and 6th grade teacher, Phoenix, AZ



Comparison chart



	HVC310	HVC110
Standard/industry compliance	H.323 and SIP	
MCU	Integrated 4-way MCU	-
Video resolution	HD 720P 30fps	
Camera	PTZ camera	
Included MICs	2 directional	1 directional
Recording and playback	Recording & playback	Playback only
H.239 content sharing	Wireless and VGA	
Supported formats	16:9 and 4:3	
Video connectivity	HDMI and VGA	
Dual display support	Yes	
Snapshot features	Yes	-
External/Aux MIC support	Mini XLR and 3.5mm	
RS-232 support	Yes	
Remote API and web remote	Yes	
VCLink support	Yes	
MSRP	\$3,499	\$2,499
Included warranty	3-years	