Commercial Solutions

2023 Pro AV Catalog

A Family of Brands Made for Pro AV Integration
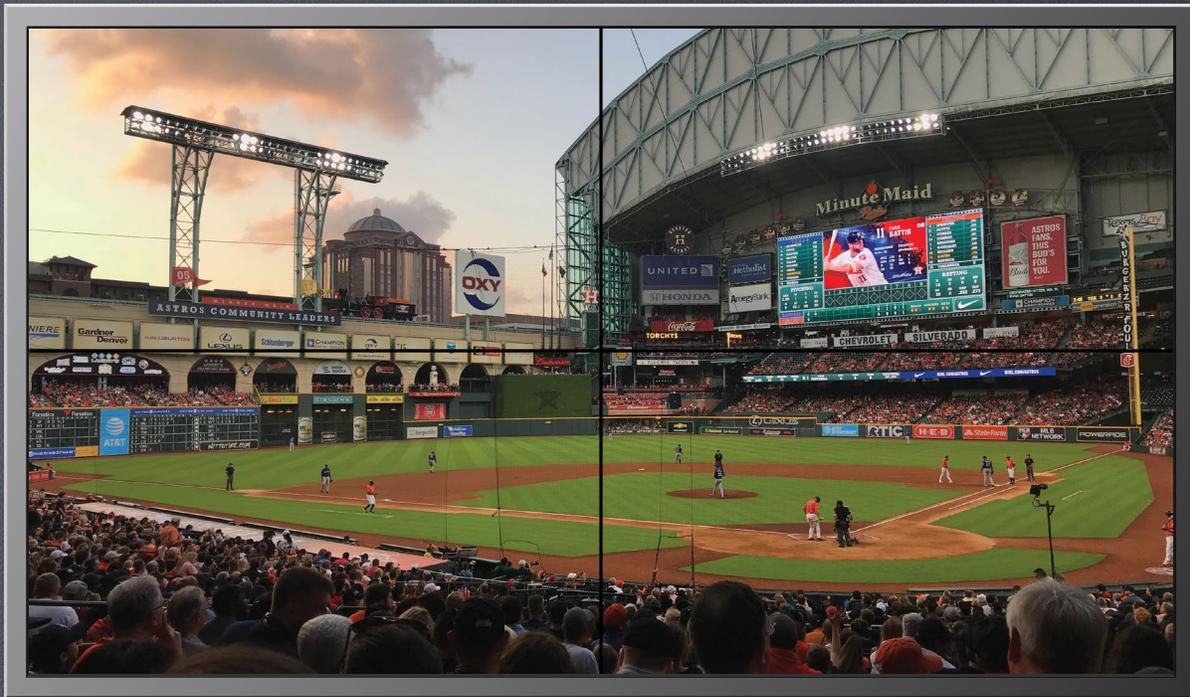
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Award winning solutions from Vanco

Brands Made for
Pro AV Integration

With a 60-year legacy of serving the AV industry, Vanco International, LLC engineers, manufactures, and sells premium AV products and electronic accessories that are 100% QC tested from our U.S. headquarters.

Backed by a team of knowledgeable support representatives and technology experts, Vanco is comprised of four unique brands including Vanco®, a comprehensive line of value-oriented residential AV products and accessories; Evolution™, a curated line of pro audio and video distribution products; PulseAudio™, an active audio accessory line that features easy-to-integrate amplifiers and audio distribution solutions; and Beale Street Audio™, a highly-acclaimed line of Sonic Vortex® technology architectural speakers. Vanco is also a Preferred Partner for Procell Professional Batteries, and the exclusive partner for Monster Power and Surge Centers distributing to the Pro AV, Electrical, and Security markets. Vanco is committed to helping the dealer and distributor community succeed in creating high-quality customer experiences across home theater, premium audio, and commercial installations.

The Vanco Advantage and
What Makes Us Different

How We Stand Apart

- 60+ year company with focus in the AV market
- Products that are 100% QC tested in the US
- Online training center
- HDBaseT Alliance, CEDIA and AVIXA members
- Exclusive patented products

Innovative and Reliable Products

- Unique solutions at the forefront of AV technology
- Available 3rd party control drivers
- Video wall, digital signage, and HDMI over IP solutions
- Products for residential and commercial applications
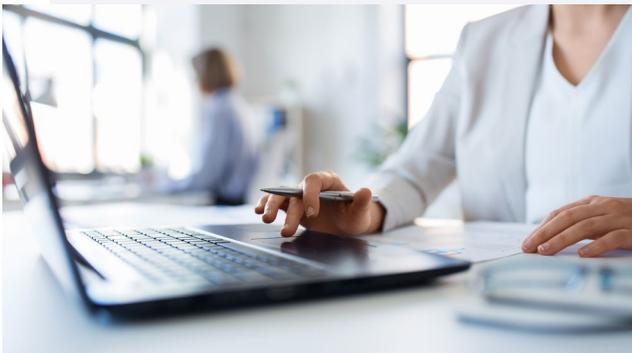

What We Offer

- Award-winning marketing, sales, and technical support
- Customized trainings
- System design support
- Product registration and demo program
- Opportunities for published professional case studies
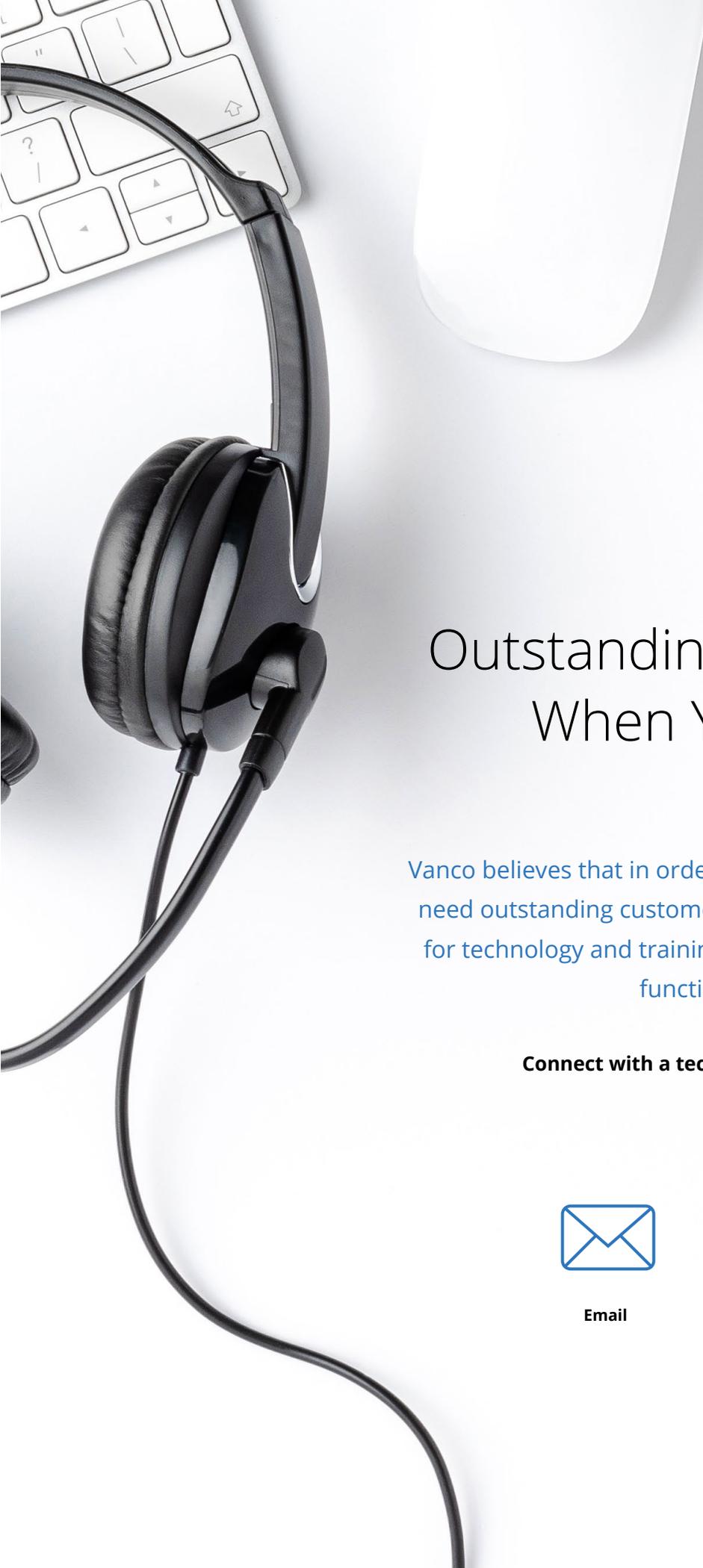
Outstanding Tech Support When You Need It

Vanco believes that in order to have outstanding products, you need outstanding customer service. We will be your resource for technology and training support so that your devices are functioning properly.

Connect with a tech support rep at vanco1.com

Email   **Phone**   **Chat**
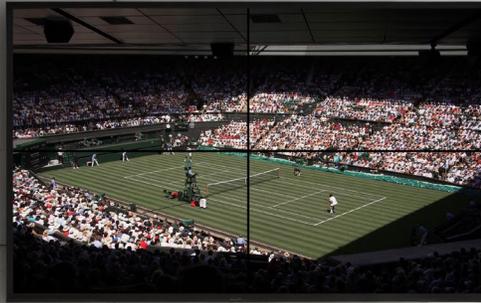
Evolution's Award Winning
EVO-IP Solution

★10★
10 YEAR
WARRANTY

The award-winning EVO-IP HDMI over IP system delivers the ability to manage, transmit, and receive audio/video signals and control hundreds of devices over a local network. EVO-IP is fully customizable, easy to design, integrate and install. With the ability to transmit virtually lossless 4K resolutions with HDR, audio, and IR/RS232 control, the EVO-IP is the perfect point-to-point, splitter, switch, matrix, and/or video wall solution.

HDMI Distribution

With the ability to add hundreds of transmitters and receivers, the EVO-IP's flexibility and expandability is almost limitless. Design a system with the confidence that you can continue to add sources and displays to suit your needs in the future.

Video Wall Capability

The EVO-IP system supports video wall configurations of up to 25 displays with full flexibility. Have one source spread across all displays, rotate the displays 180° or 270°, create a video wall within a video wall, or switch each display to multiple sources with ease.

Digital Signage

EVO-IP is the perfect solution for digital signage applications. Overlay text, images, and logos to any display. Cycle through an album of images/logos, or have the system automatically cycle through multiple sources.

TX Unit

RX Unit
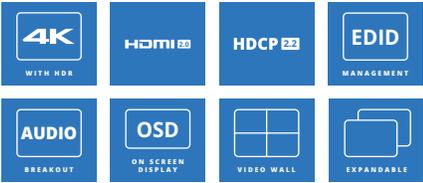
EVOIPTX1/RX1 EVO-IP Transmitter & Receiver

The Evolution by Vanco EVO-IP HDMI over IP is a complete audio, video, and control product over ethernet system.

As a whole, the system has the ability to send up to 1064 sources to 1064 displays along with IR and RS-232 pass-through, analog and digital audio breakouts on the send and receive ends, 4K resolutions and HDR10/Dolby Vision compatibility, with POE up to 330ft/100m when connected to a POE enabled switch off of a single Cat6 cable. The transmitter is also equipped with an HDMI loop-out that allows the system to incorporate other products such as Evolution tiling and Multi-view products easily with minimal additional programming.

As a dedicated system, EVO-IP can also create and recall video walls using up to 25 displays, and can overlay text, pictures, and even albums which is perfect for digital signage. When connected to a network, the EVO-IP Cloud allows for additional features such as scheduling events or maintenance, remote monitoring of a system including diagnostics and troubleshooting, as well as voice control capabilities with Alexa enabled products. With an IP-less installation option as well as any new sources/displays being discovered automatically within the system, the EVO-IP HDMI over IP system is the fast, easy, and perfect solution for both residential and commercial installations.

Key features:
- Supports up to 4K@60Hz, 4:4:4 chroma source resolutions
- HDR10 and Dolby Vision compatible
- Dolby/DTS/PCM audio formats supported
- HDCP 2.2/1.4
- PoE or can be powered using provided power supply
- Manual dip switch configurable for a truly IP-less installation
- Easy GUI automatically detects new devices in the system
- Customizable labels and names of sources and displays
- Setup through the GUI can be done without a computer even being on site
- Analog and digital audio breakouts on TX and RX
- HDMI loop-out on TX for cascading or monitoring
- Upscale to 4K@30Hz or downscale to 720p
- EDID preset/learning
- Supports video wall configurations up to 25 displays
- OSD mode to display text, pictures, or logos on the screen
- Connects to the cloud to schedule events or to troubleshoot a situation remotely
- iOS and Android apps make it easy to control switching within the system
- Able to be controlled with Alexa enabled products

EVOIPLITE EVO-IP Transceiver

The EVOIPLITE HDMI over IP Transmitter/Receiver is a complete audio, video, and control product over ethernet system.

As a whole, the system has the ability to send multiple sources to multiple displays along with IR and RS232 pass-through, analog and digital audio breakout in TX mode, video up to 1080P@60Hz, with PoE up to 100m when connected to a PoE enabled switch off of a single Cat6 cable. This one single unit can be set to transmit signals from a HDMI source, or receive signals to be shown on a HDMI display. With an IP-less installation option as well as any new sources/displays being discovered automatically within the system, the EVO-IP HDMI over IP system is the fast, easy, and cost effective solution for both residential and commercial installations.

Key features:

- Supports 1080p@60Hz
- HDCP 1.4 compliant
- PoE or can be powered using provided power supply
- Manual dip switch configurable for a truly IP-less installation
- Analog and digital audio breakouts
- Dynamic EDID
- IR and RS232 pass-through
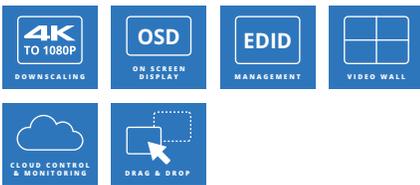
EVOIPCTL1 EVO-IP Control Box

The EVOIPCTL1 control box acts as the director of an EVO-IP or EVOIPLITE system.

It can recognize new devices automatically, direct audio-video traffic, setup video walls, enable on-screen displays, schedule events, and send notifications remotely if issues arise on site. Presets can be setup with ease to allow for quick mapping of HDMI sources based on the clients' needs. Only 1 control box is needed per system to provide communication and control for 100's of EVO-IP devices.

Key features:

- Easy GUI automatically detects new devices in the system
- Customize labels and names of sources and displays
- Manages EDID and scaling of EVO-IP devices
- Connects to the cloud to schedule events or to troubleshoot a situation remotely
- HDMI output for easy access to network information
- iOS and Android app available

| Feature	EVOIPTX1 / RX1	EVOIPLITE Transmitter / Receiver
Resolution Supported	4K@60Hz, 4:4:4, and HDR	1080p@60Hz
Matrix Mode	X	X *
Video Wall Mode	X	
OSD Mode	X	
Schedule Mode	X	X (cannot schedule switching)
Event Mode	X	X
Access Mode	X	X
Quick Setup	X	X
Digital and Analog Audio Breakouts	X	X (only in transmitter mode)
Bi-directional IR	X	X
RS-232 pass-through	X	X
HDMI Loopout	X	
IP-less Mode	X	X
PoE	X	X
App available on iOS and Android	X	X
GUI via IP address	X	X
Single unit as either TX or RX		X

* EVOIPLITE source cannot be sent to an EVOIPRX1 and vice versa

No need to roll a truck with a remote access user interface.

Control the EVO-IP system with ease online and with the iOS or Android apps.

Check us out on Youtube for a complete demo.
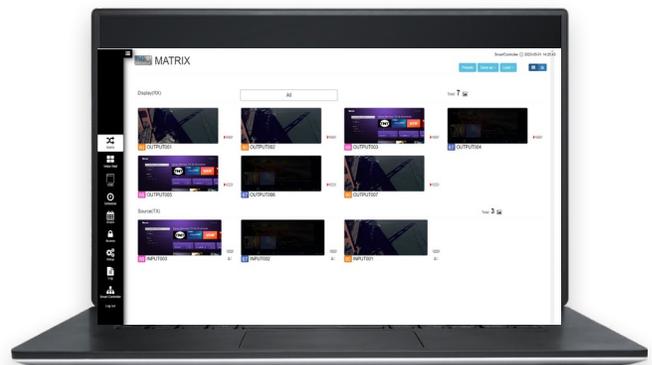
Uncompressed
# 4K Distribution

10 YEAR WARRANTY ★10★

All featuring 4K@60hz, 4:4:4 chroma, and HDR that work together to support various price points and functions, such as scaling and audio matrixing. A benefit to dealers seeking targeted, handpicked and curated products for 4K installations.

Evolution's line of HDBaseT™ matrix switches and receivers offer an unparalleled solution for switching multiple sources to multiple displays using HDBaseT™ technology, with several features for control, audio, 4K HDR resolution, and scaling. The new line of matrices includes four new models all featuring 4K@60Hz, 4:4:4 and HDR and provides a variety of distribution products that work together to support various functions and price points, a benefit to distributors and dealers alike who are seeking targeted, handpicked, and curated products for 4K installations.

4K@60Hz, 4:4:4 chroma, and HDR 131ft (40m)	1080p Resolution 230ft (70m)

EVMX88PRO	4K HDBaseT™ 8x8 Matrix
EVMX44PRO	4K HDBaseT™ 4x4 Matrix

4K WITH HDR

HDBT

AUDIO ROUTING

ARC AUDIO RETURN

EDID MANAGEMENT

EVMX88PRO 4K HDBaseT™ 8x8 Professional Matrix Unit

The ProSeries HDBaseT™ Audio and Video Matrix Switchers allow sources to be distributed locally or to displays up to 131ft/40m away using a single Cat6.

The PRO Series matrices are capable of transmitting 4K@60Hz, 4:4:4 chroma subsampling, and HDR up to 131ft/40m over a single Cat6 cable, and 4K@60Hz, 4:4:4 chroma subsampling with HDR10 and Dolby Vision on the HDMI inputs and HDMI outputs. There are multiple methods of control including the front panel, IR control, RS232, and an easy to use UI accessible via IP.

Key features:
- 4K HDBaseT™ Matrix with mirrored HDMI outputs
- Outputs 4K@60Hz 4:4:4, HDR10 and Dolby Vision on the HDMI inputs and outputs
- HDCP 2.2/1.4 compliant
- Two receiver options that are sold separately (EVRXHD2 and EVRXDSC)
- Features PoC (Power over Cable) technology - providing power for either receiver
- Downscales 4K to 1080p on all HDMI outputs
- ARC (Audio Return Channel) capable with EVRXDSC receiver
- Includes built-in audio matrix with digital and analog audio outputs for up to 8 zones
- Built-in EDID management
- Features IR, IP, and RS-232 for control

EVMX8X6 4K HDBaseT™ 8×6 Matrix

The HDBaseT™ Matrix Switchers allows HDMI sources to be distributed and routed to displays locally or remotely over a single Cat6 cable.

They are capable of transmitting 4K@60Hz, 4:4:4 chroma subsampling, with HDR10 and Dolby Vision on the HDMI inputs and HDMI outputs. The HDBaseT™ matrices features simple control using the front panel control, IR control, and IP, along with an easy to use UI accessible via IP. Compatible with both the EVRXHD2 and EVRXDSC HDBaseT receivers for additional flexibility.

EVMX8X6	4K HDBaseT 8x6 Matrix
EVMX4X3	4K HDBaseT 4x3 Matrix

Key features:

- HDBaseT™ and HDMI outputs
- Extends 4K@60Hz 4:4:4, and HDR10 up to 131ft/40m over a single Cat6 cable
- HDR10 and Dolby Vision on the HDMI inputs and output
- PoC receivers sold separate (EVRXHD2 and EVRXDSC)
- Features Pop (Power over Cable) technology - providing power for the receivers
- HDCP 2.2/1.4 compliant
- Digital and analog audio breakouts for the HDMI output(s)
- Built-in EDID management and features IR, RS, and IP control

EVRXDSC 4K HDBaseT™ Receiver with ARC and Downscaling

Extends 4K@60Hz 4:4:4, and HDR10 up to 131ft/40m and 1080p up to 230ft/70m over a single Cat6 cable.

Key features:

- Supports HDMI resolutions up to 4K@60Hz, 4:4:4 chroma subsampling, and HDR
- Ability to downscale 4K to 1080p
- Audio extraction with digital optical audio breakout
- Supports ARC with Evolution EVMX44PRO and EVMX88PRO matrix units via HDMI or digital optical audio input
- 18Gbps high bandwidth
- Features Power over cable (PoC) Technology, which provides power for the receivers resulting in easy installation
- Bi-directional IR and RS-232 pass-through for control

Compatible with:

EVMX4X3, EVMX8X6, EVMX44PRO, and EVMX88PRO

Feature	EVMX4X3 / EVMX8X6	EVMX44PRO / EVMX88PRO
HDBaseT transmission technology	X	X
4K/60Hz, 4:4:4 Resolution capability	X	X
HDR10 pass-through	X	X
Dolby Vision pass-through (HDMI outputs)	X	X
131ft/40m full resolution range	X	X
Downscaling 4K to 1080p on HDBaseT outputs	X	X
Mirrored HDMI outputs w/ downscaling		X
Digital and Analog audio breakouts	X	X
Built-in audio matrix w/ digital & analog outputs - up to 8 zones		X
ARC capable w/ HDMI pass-through or optical audio input		X
IR pass-through	X	X
RS-232 pass-through	X	X
IP control with GUI	X	X
Compatible w/ EVRXHD2 and EVRXDSC HDBaseT Receivers	X	X

EVRXHD2 4K HDBaseT™ Receiver

Extends 4K@60Hz 4:4:4, and HDR10 up to 131ft/40m and 1080p up to 230ft/70m over a single Cat6 cable.

Key features:

- Supports HDMI resolutions up to 4K@60Hz, 4:4:4 chroma sampling and HDR
- 18Gbps high bandwidth
- Features Power over cable (PoC) Technology, which provides power for the receivers resulting in easy installation
- Bi-directional IR pass-through for source and/or display control

Compatible with:

EVMX4X3, EVMX8X6, EVMX44PRO, and EVMX88PRO

Reimagining an imaging lab and improving the educational experience at Kettering College.

The Challenge

Unfortunately, the technology in the Sonography lab was overly complicated and often faulty, causing the students and faculty members to become increasingly fed up with using certain stations, ultimately depreciating the intent of the real-life learning experience. After far too many help desk service calls, the college decided enough was enough, and they called upon their trusty AV installer Custom Connections to meet with their IT team and department heads for a full system review and necessary overhaul.

Custom Connections did a full review of the AV system in the Sonography lab and found that it had a very complex composite video matrix system. The technology being used, required software engineers to be on call for programming updates, which often took weeks to schedule, while accumulating an overwhelming and ongoing expense for the department. All they wanted was to simplify the system, reduce expensive service calls, and improve the user experience for the IT team, professors, and students.

The Solution

After reviewing the system, Mark Crumbacher, owner of Custom Connections immediately called Brandon White, director of new product development at Vanco International. Crumbacher stands behind Vanco products because – after using a large selection of

them in multiple jobs – he found they simply work the way the should and rarely require service or replacement. The Custom Connections team also appreciates Vanco's unmatched customer service, tech support team, and product development team that has repeatedly helped them design the best system for any kind of installation they've come across.

After Crumbacher explained the current complications of the system and vision for what it could be to him, White immediately recommended they install one of Vanco's HDBaseT Maxtrix Switchers with an IP on-screen Graphical User Interface (GUI). Paired with eight of Vanco's Evolution EVEXHDB1 extenders, every ultrasound machine could be viewed on any of the learning station displays throughout the classroom, or on the front-of-

room interactive display with a simple command – and the best part – no need for any complicated programming. Moving the GUI to an IP-based solution also allowed the Kettering IT team to access the system right from their offices instead of having to travel across campus to the lab every time a professor or student had a question about the system and its functionality. To simplify things even further, Crumbacher was able to retitle each display and each source so that when the professors or students opened the GUI, they would know exactly how to navigate it, simply and effectively.

The Results

Now that the installation is complete, the Sonography students and faculty at Kettering College are thrilled by the ease of use to say the least. "After just a couple of weeks, I received feedback from multiple professors telling me how much the department loved the new system, and how much easier it made both teaching and learning," said Crumbacher.

> "Vanco's pricing, support, simplicity, and quality of products are consistently superior to the competition."

In a post-installation survey conducted by Custom Connections, an anonymous professor said, "We have the best equipment at the college now. Thanks for all of your guidance and for listening to our needs." Beth Maxwell, Assistant Professor, Cardiovascular Sonography, Kettering College said, "The new lab setup has created an amazing step in our approach towards teaching. It allows us to easily toggle between a presentation on the screen, over to what a student is scanning, without the entire class needing to leave their seats to gather around a single machine. This has alleviated a lot of commotion and wasted time and we are now able to focus that time on more efficient teaching without any interruption. It has really smoothed out our entire teaching process!"

"Faculty and students alike enjoy using the system. The resolution is [now] such that we can see ultrasound images, CT scans, and X-rays in excellent detail," said Susan Price, Professor and Director, Medical Sonography Program, Kettering College. The new AV equipment has also proven to be useful for the new era of virtual learning. "During the pandemic, students have requested that our faculty record our lectures in our lab using our new Vanco AV system, and it has worked out extremely well! We record the lectures, download the videos to YouTube, and then send the link to the students. It is important for them to feel like they're still here in the classroom, amongst their peers, during this time of significant change in higher education," added Price.

Elevate the Experience with
Video Walls & Multi-View

10
10 YEAR WARRANTY

EVMX44VW 4K 4x4 Seamless HDMI Matrix with Video Wall and Audio Matrix

A 4K 4x4 HDMI Matrix Switcher with the capability of switching to a 2x2 Video Wall display.

The EVMX44VW features the ability of passing 4K@60Hz resolution and 4:4:4 chroma subsampling. Capable of 4 display video wall configurations, with ability for 180 degree screen rotation, as well as bezel adjustments. Audio inputs can be utilized to embed audio onto the HDMI outputs, or can be routed using the integrated audio matrix.

Key features:
- 4K 4×4 matrix with video wall modes
- Supports up to 4K@60Hz and 4:4:4 chroma subsampling
- Supports up to a 4 display video wall in any configuration
- Supports 180° screen rotation and bezel adjustments
- Built-in audio matrix to distribute up to four zones with analog and digital outputs
- Audio inputs to embed audio onto HDMI outputs
- Features IR, RS-232, and IP control
- HDMI 2.0 and HDCP 2.2 compliant
- Rack mountable design

4K 60HZ 4:4:4 | **AUDIO** ROUTING | **VIDEO WALL** | **4K TO 1080P** DOWNSCALING

EVSP24VW Expandable 4K 2×4 HDMI Video Wall Processor

Combine multiple displays into one large display with the ability to daisy-chain additional units to create even larger video wall applications.

Key features:

- Allows for up to 16 rows and columns in any video wall configuration up to 16×16
- Two HDMI loop-outs to cascade into other units for larger video walls or to monitor sources locally
- Two HDMI inputs allow for multiple source video wall configurations, or to switch one source across the entire video wall display
- Passes up to 4K@60Hz with HDR
- Able to scale output resolutions
- HDMI 2.0 and HDCP 2.2 compliant
- Customizable options for bezel adjustment
- Supports 180° screen rotation
- Features RS232

EVSW41KVM 4x1 HDMI and KVM Switch with QuadView and USB Control

View one source at a time, or four sources on one display with the ability to share a keyboard and mouse amongst all inputs.

The EVSW41KVM HDMI and USB switcher allows four HDMI inputs to be viewed one at a time, or simultaneously on one display. Also allows one keyboard and/or mouse to be switched to any of the USB outputs which are paired with the HDMI inputs. In addition, the EVSW41KVM features quad-view and allows four sources with USB control on the same screen without switching sources. Two additional USB 2.0 sharing ports allow additional USB peripherals such as a printer, hard drive, or webcam, to be shared amongst all the sources.

Key features:
- Supports high definition resolutions up to 1080p@60Hz
- Supports four HDMI inputs which can be viewed individually one at a time, or simultaneously in a quad-view.
- Built-in USB switcher that pairs HDMI inputs for USB use and control
- Able to control four computers with just one keyboard and/or mouse
- Features two additional USB 2.0 ports to be shared amongst all four sources
- Features IR, RS232, and hot key control

EVSW21MV 2×1 HDMI Switch with Multiview & PIP

View one source at a time, or two sources on one display.

The EVSW21MV allows for two sources to be connected and be viewed one at a time like a standard switcher, simultaneously side-by-side, or with one source large and the other source smaller in picture in picture (PIP) mode.

Key features:
- Two multi-view modes available for side-by side, or PIP
- Capable of passing and scaling 16:9 and 4:3 aspect ratios
- Output can be scaled to: 1080p, 720p, 1080i, 1024×768, and 1360×768
- Supports multiple output resolutions in PIP mode
- Compatible with LPCM- Dolby and DTS audio formats
- Features IR and RS232 control

EVSW1040 4x1 Selector Switch with Switching & Multiview

View one source at a time, or four sources on one display.

The EVSW1040 is a high performance 4 by 1 HDMI switcher with quad-view and picture-in-picture (PIP) capabilities and seamless switching. It supports four HDMI inputs/sources to be displayed on one screen either equally in quad-view mode or with a larger main source in PIP mode.

Key Features

- HDMI 1.3a and HDCP compliant
- Supports up to 1080p high definition resolution
- Up/down scaling functionality
- Support digital audio formats LPCM/AC3/DTS
- Coaxial Audio breakout
- Control through the front panel button control- IR control- and RS232 control
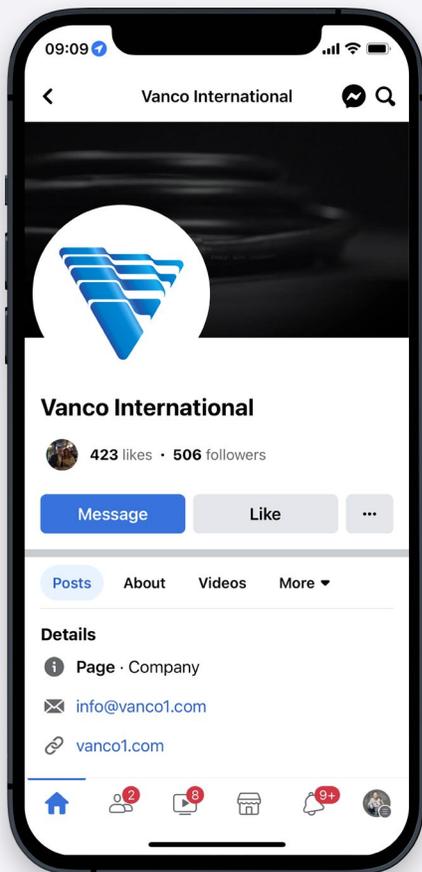
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Facebook

Simple Source
Switching & Splitting

★10★
10 YEAR WARRANTY

Unless otherwise noted

EVSP8K22 8K HDMI 2×2 Switching Splitter

Connect up to two 4K@120Hz and/or 8K@60Hz sources, and then split to two identical displays.

With two HDMI inputs, two 8K sources can be switched and split at the same time. Supports video resolutions up to 8K@60Hz and 4K@120Hz over 4 channels of 10Gbps FRL for 40Gbps bandwidth.

Key features:
- Supports video resolutions up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
- Supports HDR, HDR10, HDR10+, Dolby Vision, HLG
- VRR, FVA, ALLM supported
- HDMI 2.1 and HDCP 2.3 compliant
- HDMI audio formats include LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- Built-in Equalizer with advanced manual EDID management
- Controllable via included IR remote and/or front panel switching

EV4K7014 4K 1x4 HDMI Splitter over Cat6 with HDMI Loop-out

Combines HDMI extension over Cat6 and a splitter in an all in one 4K distribution package, complete with four PoE receivers as a kit.

The EV4K7014 is an HDMI splitter that allows one HDMI input to be split and sent to up to five displays simultaneously with four outputs over CAT6, and one output over HDMI. Extends 4K@60Hz 4:4:4 with HDR10 and IR control up to 230ft/70m over a single Cat6 cable.

Key features:

- Complete kit with (4) PoE Receivers included
- Transmission Range: Extends 4K@60Hz, 4:4:4 Chroma with HDR10 and IR up to 230ft/70m and 1080p up to 330ft/100m over a single Cat6 cable
- Features Power over Ethernet (PoE) Technology which transmits power over Cat6, allowing the receivers to be powered without connecting a power supply
- Low Latency
- Supports bi-directional IR (20~60kHz) for source or display control
- Features auto and manual EDID options for compatibility with source and displays
- HDCP 1.4/2.2 compliant

EVSP4K Spliters 4K HDMI Splitters

Splits a single 4K source to multiple displays.

The EVSP4K12, EVSP4K14 and EVSP4K18 4K HDMI splitters with HDCP 2.2, are capable of 4K/60Hz, and 4:4:4 chroma, and are HDCP 2.2 compliant. They also feature advanced EDID management, with different modes to ensure compatibility with source and display combinations. Take any 4K source and split the signal to multiple 4K displays to ensure the highest quality possible with the Evolution 4K HDMI Splitters.

EVSP4K18	Slim HDMI 1x8 4K Splitter
EVSP4K14	Slim HDMI 1x4 4K Splitter
EVSP4K12	Slim HDMI 1x2 4K Splitter

Key features:

- Supports video formats up to 4K2K@60Hz with 12bit YCBCR 4:4:4 and HDR
- Supports high-resolution VESA mode video formats up to QSXGA 2560×2048@60Hz
- HDCP 2.2/1.4 Compliant
- Dynamic and Manual EDID management modes to ensure compatibility during installation
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Supports hot plug
- High bandwidth: 18 Gbps

EVSP1013/17 HDMI Splitter over Cat5e/6 with Cascading HDMI Output

Combines HDMI extension over Cat6 and a splitter in an all in one package, with the ability to daisy-chain additional units to expand to even more displays.

The EVSP1013 and EVSP1017 HDMI splitters allow for 1 HDMI input to be split and sent to 4 or 8 different displays. The Cat5e/6 output ports can connect to the EVRX2006 PoE receiver (sold separately) over Cat5e/6 cable to transmit 1080p60 video with audio and control up to 164ft/50m. The single HDMI output can be used for a local display or cascaded into another splitter for an even larger distribution system.

EVSP1017	1x7 HDMI Splitter Over Cat
EVSP1013	1x3 HDMI Splitter Over Cat

1080P RESOLUTION | **EDID** MANAGEMENT | **PoE** POWER OVER ETHERNET | PATENTED PRODUCT

Key features:

- Power over the Cat5e/Cat6 so that the EVRX2006 receivers do not require a power supply
- Features an additional HDMI output which can be used for a local display or to cascade to another splitter for a larger distribution system
- Supports 20-60kHz wideband bi-direction IR communication
- Dynamic or manual EDID management. The user can manually select the best compatible EDID or automatically blend EDID of 4 connected HDMI sinks
- Supports multiple audio formats including Dolby True HD- DTS-master- etc.
- Supports manual or dynamic EDID management

EVRX2006 HDMI over Cat5e/6 PoE Receiver

PoE Receiver for the EVSP1013 and EVSP1017 HDMI splitter over Cat6.

Key features:

- To be utilized with Evolution by Vanco EVSP1013 and EVSP1017 splitters
- Extends HDMI transmission up to 50m (164ft) from the HDMI source at Full HD 1080p 24-bit color and 3D
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/Cat6; No power supply needed on the receiver end
- Slim and compact design
- Wide band Bi-directional IR system allowing for control of source or display (IR accessories included)
- Wideband IR signal from 20KHz to 60KHz
- Features Auto EDID and EQ Management
- Supports DTS-HD and Dolby TrueHD high bit rate audio

1080P RESOLUTION | **EDID** MANAGEMENT | **PoE** POWER OVER ETHERNET | PATENTED PRODUCT

EVSW1061 6×1 4K Multi-Format Switcher

Combine both HDMI and VGA inputs into one switching system, while the legacy VGA signals are upscaled and converted to HDMI signals.

The EVSW1061 is a compact 6x1 multi-format switcher with 6 video inputs that not only switches VGA or HDMI input signals to a HDMI output, but can also scale to 6 different resolutions. The unit also supports RS232 and IR control and as well as EDID management.

Key features:

- 6 video inputs (3 HDMI- 2 VGA- 1 HDMI/MHL)
- 2 auxiliary audio inputs mirrored to the VGA inputs
- 1 HDMI output and 3 audio outputs (1 dual-mono analog audio- 1 3.5mm stereo audio- 1 optical audio)
- Switches VGA or HDMI/DVI/MHL input signals to HDMI output
- Output resolutions selectable to assure preferred output
- Bypass HDMI feature provides comprehensive resolution capacities up to 4K & 1080p 3D
- Features RS232 and IR control
- Supports advanced EDID management
- MHL auto detection
- Supports device charging over MHL- maximum 5V 900mA
- Auto or manual switching
- Supports hot plug

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EVSW4K41 4×1 Multi-Format Wireless Collaboration Switcher with Wired and Wireless Connectivity

Perfect conference room switcher with the ability to hardwire inputs as well as connect to additional devices wirelessly via Miracast and Airplay.

The EVSW4K41 collaboration switcher features a wireless Miracast/Airplay input, two HDMI inputs, and one USB-C input and a single HDMI output. Switch from multiple presenters to one display wired or wirelessly. HDMI audio de-embedding to break out audio to an amplifier or audio distribution system. Multiple USB 3.0 device extension by providing two type-B USB ports for host connection, and two type-A USB ports for USB device connectivity.

Key features:

- Supports HDMI 2.0b, 4K@60Hz, 4:4:4, HDR and HDCP 2.2 with HDR
- Wireless BYOD (Bring Your Own Device) capability via AirPlay and Miracast
- Soft Codex capabilities for integration with 3rd party video conferencing software
- Provides up to 60w charging, USB data (USB 3.0/2.0) and 4K video transmission via USB-C port
- Audio de-embedding built in to break out audio to an amplifier or audio distribution system
- Two type-B USB ports for host connection; two type-A USB ports for USB devices such as webcams, mouse, keyboard, etc
- Auto and manual switching modes
- Smart EDID management
- Features front panel, CEC, and RS232 control options

280595 12x3 Multi-format Scaling Switcher

Take current and legacy video sources to combine into one switching system, while taking the legacy source signals and upscaling to high definition resolutions.

Key features:
- Allows the conversion of up to 12 multi-format inputs to 2 mirroring HDMI outputs and 1 Composite output
- Buffers- amplifies and equalizes the signal to ensure optimum transmission and reception over the length of the cable run without any loss in video/audio quality
- Inputs supported include:
    - 1 x VGA source
    - 2 x S-Video source
    - 2 x Composite AV sources with LR audio
    - 2 x Component sources with LR audio
    - 4 x HDMI sources
    - 1 x DVI-I source
    - Stereo input for audio
    - S/PDIF input for digital audio
- Analog and Digital audio breakouts
- Supports resolutions up to 1080p

★ 2 ★ 2 YEAR WARRANTY	1080P RESOLUTION	AUDIO BREAKOUT	MULTI-FORMAT

EVSW1042 4K 4×1 HDMI Switch with ARC and HDR

A simple and reliable way to connect up to four 4K sources and switch to a single 4K display.

Key features:
- Supports 4K2K (2160p @60Hz w/ 4:4:4 chroma sampling) Ultra High Definition Resolutions
- Supports HDR and Dolby Vision
- Features advanced EDID management
- Auto or manual switching modes
- Features IR and RS232 control
- ARC (Audio Return Channel) and CEC (Consumer Electronic Control) functionality
- PCM- Dolby TrueHD- and DTS-HD Master Audio up to 7.1 CH audio formats
- Digital and analog audio outputs for audio extraction
- HDMI 2.0b and HDCP 2.2 compliant

4K WITH HDR	ARC AUDIO RETURN
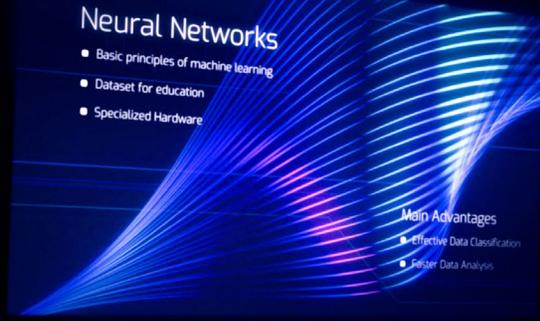
Premium extenders for
the AV professional

★10★
**10 YEAR
WARRANTY**

Unless otherwise noted

EVEXHDB3 Uncompressed 4K HDBaseT™ Extender with eARC, KVM, PoH, and Ethernet

A do it all full 4K HDR HDBaseT 3.0 extender with the capability of passing eARC, control signals such as IR, USB, and RS232, audio options such as embedding and de-embedding, ethernet, power, and more. There is no HDMI extension application the EVEXHDB3 cannot solve.

Key features:

- Allows HDMI audio/video signals to be transmitted using a single Cat6/6A/7 Cable HDMI 2.0b, HDCP 2.3/1.4 and HDBaseT 3.0 compliant
- Extends uncompressed 4K@60Hz, 4:4:4, 18Gbps and HDR up to 328ft/100m
- HDR compatible: passes HDR10, HDR10+, Dolby Vision and HLG formats
- Supports Enhanced Audio Return Channel (eARC) and Audio Return Channel (ARC)
- Supports multiple audio formats such as LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, and more
- Embed audio from a separate audio source, or de-embed to break out or extract audio
- Bi-directional IR, RS-232 and 1Gb Ethernet signal pass through
- Extends and supports USB 2.0 functions
- HDMI loop-out for local monitoring, use with other HDMI distribution products, or for de-embedding audio from the source or display end
- Features Power over HDBaseT technology (PoH) which transmits power over Cat6/6a/7

4K WITH HDR

e/ARC ENHANCED AUDIO RETURN

HDBT

KVM

AUDIO BREAKOUT

EDID MANAGEMENT

HDMI 2.0

HDCP 2.3

PoH POWER OVER HDBASET

RS232 PASS-THROUGH

ETHERNET

best of show 2023 Winner — Residential Systems

CEPro BEST PRODUCT AWARDS 2022

best of show 2023 Winner — SOUND & VIDEO CONTRACTOR
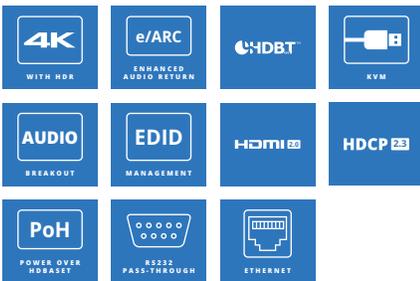
EVEXHDB2 4K HDR HDBaseT™ Extender with IR, RS232, Ethernet, and PoH

A full 4K HDR HDBaseT extender with the capability of passing 4K@60Hz, 4:4:4, and HDR formats over Cat6 up to 230ft/70m.

Key features:
- Features the latest HDBaseT Technology- optimized for whole-home or commercial distribution of high definition signals at much greater distances of standard HDMI cables
- Transmission Range: Extends 4Kx2K@60Hz- 4:4:4 with HDR up to 230ft/70m over a single Cat5e/6 cable and 1080p@60Hz up to 330ft/100m
- HDR Compatible; passes HDR10 and Dolby Vision formats
- Power over HDBaseT (PoH) Technology which transmits power over Cat5e/6- allowing for either Transmitter or Receiver to be powered without the use of a power supply
- 4-10/100 Ethernet ports for directly connecting displays and sources to a network
- Bi-directional IR and RS232 control
- Features Auto EDID and EQ Management for plug and play installation
- HDCP 2.2 compliant and backward compatible to previous versions
- CEC Support
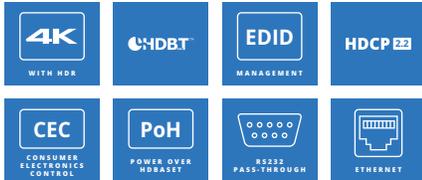
EVEX4K50 4K HDR HDBaseT™ Extender with IR, RS232, and PoH

A full 4K HDR HDBaseT extender with the capability of passing 4K@60Hz, 4:4:4, and HDR formats over Cat6 up to 164ft/50m.

Key features:
- Features the latest HDBaseT Technology, optimized for whole-home or commercial distribution of high definition signals at much greater distances compared to standard HDMI cables
- Transmission Range: Extends 4K@60Hz, 4:4:4 with HDR up to 164ft/50m over a single Cat5e/6 cable and 1080p@60Hz up to 230ft/70m
- HDR Compatible; passes HDR10 and Dolby Vison formats
- Power over Cable technology (PoC) which transmits power over Cat5e/6, allowing for either Transmitter or Receiver to be powered without the use of a power supply
- Bi-directional IR and RS232 control
- Features Auto EDID and EQ Management for plug and play installation
- HDCP 2.2 compliant and backward compatible to previous versions
- CEC Support

EVEX4K70

Features IR Pass-through and HDMI Loop Out

EVEXKVM3

Features KVM
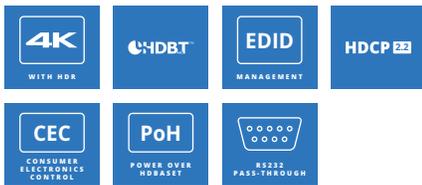
EVEX4K70 & EVEXKVM3 4K HDR HDMI Extenders

Full 4K HDR extenders with the capability of passing 4K@60Hz, 4:4:4, and HDR formats over Cat6 up to 230ft/70m, with options for IR (EVEX4K70) and USB (KVM) (EVEXKVM3), with an HDMI loop-out to connect a local display, and digital audio breakout at the display end.

Key features:

- Allows HDMI audio/video and IR or KVM (keyboard, video, mouse) signals to be transmitted using a single Cat6/6A/7 Cable
- Extends 4K@60Hz, 4:4:4, and HDR10 up to 230ft/70m and 1080p up to 330ft/100m
- HDCP 1.4/2.2 compliant
- Wide band Bi-directional IR system allowing for control of source or display - IR accessories included (EVEX4K70)
- Extends USB control and data signals for keyboards, mice, and touchscreen displays (EVEXKVM3)
- Features bi-directional Power over Ethernet (PoE) technology which transmits power over Cat6, allowing the transmitter and receiver to be powered off a single power supply
- Supports multiple audio formats such as (Dolby TrueHD 7.1CH/Dolby Digital 5.1CH)
- HDMI loop-out for local monitoring or use with other HDMI distribution products
- Digital optical audio breakout for audio extraction
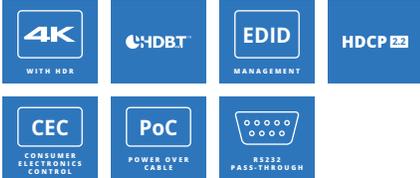
EVEXHDB1 4K HDBaseT Extender with IR, RS232, and PoH

A cost efficient HDBaseT extender with the capability of passing 4K, IR, and Power over Cat6 up to 230ft/70m.

Key features:

- Features HDBaseT Technology- optimized for whole-home or commercial distribution of uncompressed high-definition signals at more than twice the distance of standard HDMI cables without degradation
- HDBaseT Extender can connect uncompressed full HD digital video and audio through a single 230ft/70m Cat5e/Cat6 cable
- Features Power over Cable (PoC) Technology which transmits power over Cat5e/6- allowing for either Transmitter or Receiver to be powered without the use of a power supply. The result is an easy and flexible installation with low maintenance
- Transmission Range: Extends 1080p resolutions up to 230ft (70m) over a single Cat5e/6 cable and 4K@60Hz- 4:2:0 color subsampling up to 131ft (40m)
- Bi-directional IR control
- HDCP 2.2 compliant
- CEC Support

EVEXKVM2 4K HDBaseT™ Extender with KVM and IR

An HDBaseT extender that sends HDMI signals along with USB (KVM) to control a 4K source with a keyboard and mouse.

Key features:

- 4K HDBaseT HDMI Extender that extends 4K resolutions up to 230ft/70m with USB (KVM) and power. Perfect solution for connecting and controlling sources which are controlled via keyboard/mouse.
- Transmits audio and video via HDMI as well as complete KVM (Keyboard, Video, Mouse) functionality via USB 2.0 ports over a single Cat5e/6 up to 230ft/70m with PoC
- Power Over Cable (PoC), integrates power into the Cat5e/6 cable, requiring no power supply for either the Transmitting unit or Receiving unit Auto EDID management automatically adjusts to overcome compatibility issues
- Supports up to 3840 x 2160 @ 60Hz resolutions
- HDR10 Compatible
- Supports LPCM, DTS and Dolby Digital Audio Formats
- Extends 4K HDMI signals up to 230ft/70m over a single Cat5e/6 cable
- Extends USB 2.0 high speed at 480Mbps to 230ft/70m
- USB ports allow for charging of connected USB devices
- Bi-Directional Wide Band IR 20-60kHz
- HDBaseT 2.0 with CEC Support
- Compatible HDMI 2.0/DVI 1.0
- HDCP 2.2/1.4

Exclusive Patented HDMI Extenders

Plug & play HDMI extenders with control and bi-directional PoE

EVEX2006

EV4K2006

Features IR Pass-through

EVEXKVM1

Features KVM

4K WITH HDR

DYNAMIC EDID MANAGEMENT

HDCP 2.2

PoE POWER OVER ETHERNET

IR PASS-THROUGH

PATENTED PRODUCT

Extends HDMI signals along with USB (KVM) to control a 4K source with a keyboard and mouse up to 164ft/50m over a single Cat6 cable.

Key features:

- A series of patented plug and play HDMI Extenders that extend 1080p and 4K resolutions over Cat6 up to 164ft/50m, with bi-directional PoE
- With options for 1080p, 4K, IR, and USB (KVM).
- Allows HDMI audio/video signals to be transmitted using a single Cat5e or Cat6 Cable
- Transmission Range: Extends HDMI transmission up to 50m (164ft) from the HDMI source at Full HD 1080p 24-bit color and 3D (EVEX2006 and EVEXKVM1)
- Transmission Range: Extends 4K@60Hz, 4:4:4 Chroma up to 164ft/50m and 4K@30Hz, 4:4:4 Chroma and HDR up to 130ft/40m over a single Cat5e/6 cable (EV4K2006)
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/ Cat6, allowing the transmitter and receiver to be powered off of a single power supply
- Wideband Bi-directional IR system allowing for control of source or display (IR accessories included) (EVEX2006 and EV4K2006)
- Transmits complete KVM functionality via USB 2.0 ports (EVEXKVM1)
- Features Auto EDID and EQ Management for plug and play installation
- HDR10 Compatible (EV4K2006)
- Works with HDMI and HDCP compliant devices
- HDCP 2.2 compliant
- Slim and compact design
- Pure uncompressed 7.1ch digital audio
- Supports DTS-HD and Dolby TrueHD high bit rate audio
- Dimensions: 2.7" (68.58mm) W x .7" (17.78mm) H x 3.25" (82.55mm)

EVEXFBR1

EVEXFBRK1

Features KVM

4K WITH HDR

HDCP 2.2

KVM

RS232 & IR PASS-THROUGH

EVEXFBR1 & EVEXFBRK1 HDMI Extenders over Fiber with Control Signals

Extreme distance full 4K HDMI Extenders over fiber which can reach up to 6.2 miles using single mode fiber modules and cabling. Two options, for either IR and RS232, or IR, RS232, and USB (KVM) pass-through.

Key features:

- Transmission range: 984ft/300m over duplex multi-mode fiber optic cables; 6.2mi/10km over duplex single mode fiber optic cables
- Supports 4K@60Hz, 4:2:0 chroma and HDR; 4K@60Hz and 4:4:4 chroma
- Supports HDR10 and Dolby Vision
- USB 2.0 pass-through (EVEXFBRK1)
- Includes (2) USB ports on receiving end for keyboard/mouse connectivity (EVEXFBRK1)
- Bi-directional IR (20kHz to 60kHz) pass-through for source and/or display control
- RS-232 pass-through
- Supports HDCP2.2
- LC Multi-mode SFP modules included

★ 2 ★ 2 YEAR WARRANTY

IR PASS-THROUGH

1080P RESOLUTION

HDEXWIR 1080p Wireless HDMI Extender with IR

Wireless HDMI Extender that can pass 1080p resolution wirelessly, with no line of sight required, up to 164ft/50m. A great solution where cabling cannot be run to display locations.

Key features:

- Extends HDMI signals wirelessly up to 164ft/50m
- Supports up to 1080p@60Hz HD video and audio
- IR pass-through to control source from display location wirelessly
- No line of sight installation required, wireless signal can pass through most obstacles
- HDMI 1.3, HDCP 1.4 and DVI 1.0 compliant
- Supports LPCM 2.0ch 32KHz/44.1KHz/48KHz Audio Formats
- Low latency with less than 120ms

Evolution Commercial Case Study: A Local Hotspot Dream Come True at BarKada

The owners of BarKada had a vision for a sports bar with great food and dynamic game-day atmosphere – they wanted to be a hub for football games and host UFC watch parties.

The Challenge

Jerry Shanar of Sixth Sense Solutions got his start in the industry by helping friends and family in the Houston area navigate security and AV technology required for their businesses. He's now been working with retailers, restaurants, and bars across Southeast Texas for over a decade – and in the process, he's learned to gently guide clients across they chasm between what they say they want, and what they actually need. So when a new client came to him with dreams of largescale display, he was prepared. The owners of BarKada had a vision for a sports bar with great food and dynamic game-day atmosphere – they wanted to be a hub for football games and host UFC watch parties. The owners thought projector system would fit the bill. As Shanar and Sixth Sense came onto the project, they looked around at the ambient lighting, the sightlines, and the 35 other direct view displays in the bar, and immediately realized that a projected image wouldn't have

the impact the owners desired. Instead, they were able to convince the owners that a full videowall with commercial video panels would be a better choice to optimize viewing and to blend with the rest of the 35 TVs in the bar.

The Solution

Knowing that the bar needed to be able to distribute multiple sources, Shanar turned to Vanco's EVO-IP video matrix. Shanar chose EVO-IP because of the benefits to the integrator as well as the customer: "EVO-IP's remote access has saved our company a ton of time and money," he adds. "It's easy to hop in remotely to troubleshoot any issues, and it saves us from having to rolling a truck. Vanco's tech support is also fantastic. Anytime I have hit a roadblock, they're responsive and work with our team to get it resolved quickly. "The reward for good work is more work. Six months after finishing the initial project, Sixth Sense was called back. BarKada's dream of a lively local hotspot had come true: they found that their clientele was enjoying more nightlife at the bar and wanted to expand to accommodate DJs and a karaoke room. They needed the videowall moved into a new location as part of the expansion. While assembling the video wall again was tedious, adding new sources to the EVO-IP matrix was not. EVO-IP's built-in functionality made it seamless for Sixth Sense to accommodate the new source needs: the GUI automatically detects new devices in the system. Adding further functionality for both dealers and users, EVO-IP allowsfor customized labels and names of sources and displays, making the matrix straightforward to navigate.

The Results

The owners of BarKada love the video matrix so much, they asked Sixth Sense to install a system in one of their other restaurants, which until that point was operating with a mess of HDMI cables and somewhere between seven and eight different HDMI splitters. "The owners love the systems we've done," says Shanar. "They appreciate that we were able to work with some of their unique sources, like Orange Door, which is a digital DJ that eliminated the need for an in-person DJ on off nights. Having a quality product that also can fall comfortably within a client's budget is always a win-win."

"Having a quality product that also can fall comfortably within a client's budget is always a win-win.

EVEX2004 & EV4K2004 HDMI Extenders over Coax

Retrofit solutions where coax cabling is in place, the EVEX2004 and EV4K2004 can extend HDMI and IR signals over coaxial cable, with options for 1080p (EVEX2004) and 4K (EV4K2004).

Key features:
- Allows HDMI audio/video signals to be transmitted using a single coaxial cable
- Wide band Bi-directional IR system (20KHz to 60KHz) for control of source or display
- Transmission Range: Extends 1080p resolution up to 394ft/120m over RG6 coaxial cable (dual and quad-shielded); Extends 1080p resolution up to 164ft/50m over RG59 coaxial cable
- Supports up to 4K@60Hz, 4:4:4 chroma subsampling, 8bits and HDR10 (EV4K2004)
- Transmission range: Extends 4K@60Hz up to 330ft (100m); 4K@60Hz and HDR10 up to 230ft (70m) over a single RG6 coaxial cable (EV4K2004)
- HDMI 2.0 and HDCP 2.2/1.4 compliant (EV4K2004)
- EDID manual select control – Supports Copy EDID (EVEX2004)

EVEXUSB2 USB 2.0 Extender over Cat5e/6 Cable

Retrofit solutions where coax cabling is in place, the EVEX2004 and Full function USB 2.0 extender over a single Cat5e/6 cable, information and control can be transmitted up to 330ft/100m over Cat5e and 492ft/150m over Cat6.

Supports up to four USB 2.0 devices such as webcams, microphones, touchscreens, printers, cameras, scanners, USB flash drives, keyboards, mice, etc., and supports gigabit switch cascade capabilities. Perfect solution for security monitoring, gaming, industrial control, professional audio-visual, smart medical and more.

Key features:
- Supports USB 2.0 High-Speed
- Backwards compatible with USB 1.1 and 1.0 versions
- Supports up to four USB 2.0 A devices to a single USB 2.0 A host
- Cat5e transmission up to 330ft/100m; Cat6/6A transmission up to 492ft/150m
- Supports USB hub connection
- Power supply only required at receiver end
- Supports switch relay, distance increased through a switch

Check all the Boxes
with Premium Extenders

Choose the features you need - including HDR, KVM, eARC/ARC, CED, HDMI loop-out, and audio breakout - from Evolution's diverse family of extenders. Extend over cat cable, fiber, coax, or HDBaseT, at resolutions up to 4K, 60 Hz, 4:4:4, and max distances ranging from 100m on cat cable to 10KM over fiber.

Extender
Comparison
Chart

Find the perfect extender for your next project!

Scan QR to find the right solution for you.

Download

Essentials to
Stay in Control

EVCTL10B 10 Button Programmable Control Keypad

A 10-button IP enabled keypad controller aimed at providing a simple and easy control solution for specific actions over TCP/IP or RS232 protocols.

Can be powered over PoE, or power supply. Mount within a single gang wall plate into the wall or a box in a conference room table, and with a press of a button commands are automatically sent to other components.

Key features:
• 10-buttons keypad with up to 7 commands able to be programmed per button
• Able to be powered remotely over PoE or hardwired 2-conductor cabling using the Vanco 110018 (sold separately)
• Controls devices over TCP/IP and RS232 protocols

EVIRTEST IR Tester

A tool that measures the strengh and frequency of IR signals.

Key features:
• Convenient- hand held IR Signal Analyzer for testing IR Frequency- Strength- Voltage- and Pinout
• Ideal for troubleshooting IR signal deficiencies
• Point and shoot to test IR Frequency on any remote
• Measures signal strength to identify strong and weak spots throughout the install area
• Pinpoints IR Signal Voltage measurement
• Provides IR-RX Pinout (Power- Ground- Signal) Ideal for mixed IR applications

RS232-USB RS232 to USB Adapter

Simple converter that takes a USB connection and converts to a RS232 serial connection.

Key features:
- Easy connection of serial devices through a USB port
- Data transfer rates 1 Mbps and more
- Supports remote wake-up and power management
- Compatible with USB2.0/1.1 specifications
- Supports RS232 serial interface DB9
- Supports over 1 Mbps data transfer rate
- Supports Windows 2000/Server 2008/XP/ Vista/WIN7/WIN8/WIN10,
  Linux, Mac os v8.6 or higher

WIR-KIT Addressable Wireless IR Kit

Transmits IR signals wirelessly over 915 MHz RF.

Key features:
- Allows for wireless IR transmission up to 200 meters (656 ft)- no cable required
- Allows up to 4 devices to be controlled remotely by a single receiver.
- 10 discrete channels allow for pairing of up to 10 sources and 10 displays within the same installation environment
- IR Frequency: 20-60 Hz
- Optional IR TX and RX pigtails included for use when hiding transmitter and receiver units
- Includes (2) 5V DC power supplies
- Expand the number of emitters with the WIR-1X4

RS232-IP RS232 and IP Router

Converts RS232 serial connection into a LAN connection, perfect solution for any component without LAN connectivity.

This LAN and Wi-Fi to Serial adapter allows for any serial device to be controlled over a network. Provides legacy serial devices the ability send and receive data through TCP/IP.

Key features:
- Enables seamless communication for serial controlled devices via UDP or TCP/IP
- Wired and/or Wireless connectivity
- Supports RS232 and RS485 interfaces
- Supports WEP/WAP-PSK/WAP2-PSK/WAPI
- Encipher Type: WEP64/WEP128/TKIP/AES

HDMI Cables You
Can Depend On

LIFETIME WARRANTY

Unless otherwise noted

Certified Ultra High Speed Cable
Part Number: UHD8K

Active Optical HDMI Fiber Cable with HDR
Part Number: UHDFIB

Active Optical HDMI Cable
Part Number: UHDFBR

Active High Speed Cable
Part Number: HDAC

Certified Premium High Speed Cable
Part Number: HDMICP

Ultra Slim Certified Premium Cable
Part Number: USCP

Brands Made for Pro AV Integration

Feature	Certified Ultra High Speed	Active Optical HDMI Fiber	Active Optical HDMI Fiber
Cable Series	UHD8K	UHDFIB	UHDFBR
Certified Cable	X		
8K Support	X		
4K Support	X	X	X
HDR Support	X	X	X
Bandwidth	48 Gbps	18 Gbps	18 Gbps
HDMI Version	2.1	2.0b	2.0b
SecureFit Connector	X		
Plenum Rated		X	
Lenghts (ft.)	1, 3, 6, 10, 12, 16, 25, 33, 50, 66	35, 50, 75, 100, 150, 200, 250, 330	35, 50, 75, 100, 150, 200, 250, 330

Feature	Active High Speed	Certified Premium High Speed	Ultra Slim Certified Premium
Cable Series	HDAC	HDMICP	USCP
Certified Cable		X	X
8K Support			
4K Support	X	X	X
HDR Support	X	X	X
Bandwidth	18 Gbps	18 Gbps	18 Gbps
HDMI Version	2.0b	2.0b	2.0b
SecureFit Connector	X	X	X
Plenum Rated			
Lenghts (ft.)	12, 15, 20, 25, 35, 50, 66, 75, 100	1, 3, 6, 10, 12, 15, 20, 25, 30	1.5, 3, 6, 8

C6AHDBT HDBaseT Cat6 Cable

Solid copper 23AWG cabling that is HDBaseT certified and tested up to 550MHz.

Available Options	
Colors	Black
Lengths (ft.)	50, 75, 100, 125, 150, 175, 200, 225, 250, 275, 300, 330, 500, 1000

CAT6A Category 6A (UTP) 550 MHz Network Patch Cable

Stranded UTP cabling tested up to 550MHz to support 10/100/1000Base-T devices.

Available Options	
Colors	Black, Blue, Gray, White
Lengths (ft.)	1, 3, 5, 7, 10, 14, 25, 50

SCAT6 Super Slim CAT6 Cable

Flexible 28AWG stranded UTP cabling tested up to 550MH with snagless strain relief ends.

| Available Options	
Colors	Black, Blue, Gray, White, Green, Orange, Purple, Red, Yellow
Lengths (ft.)	0.5, 1, 2, 3, 5, 7, 10, 14, 25, 50

UHD8K Certified Ultra High Speed HDMI Cable
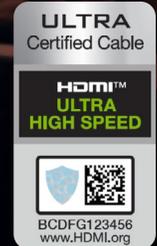
UHD8K Certified Ultra High Speed HDMI Cable

HDMI certified cables that support resolutions up to 10K@30Hz, 8K@60Hz and 4K@120Hz.

Key features:
- 8 Gbps bandwidth
- 4 Lanes of 12Gbps FRL (Fixed Rate Link)
- Enables transmission of Static and Dynamic HDR Formats
- Supports uncompressed and compressed modes of transmission
- Advanced EMI testing to ensure cables minimize interference with wireless signals
- Up to 32 audio channels
- Features Enhanced Audio Return Channel (eARC) for simplified connectivity, greater ease of use and support for the most advanced audio formats and highest audio quality
- Audio Formats such as DTS Master, DTS:X, Dolby TrueHD, Dolby Atmos and more
- HDCP 2.3 and backwards compatible
- Support for the wide angle theatrical 21:9 video aspect ratio
- Certified Premium Ultra High Speed HDMI ensures installations are ready for today's full 8K/UltraHD environment
- Features SecureFit connectors which are pull tested up to 7 lbs providing 45% stronger connections than regular HDMI connectors
- Supports Variable Refresh Rate (VRR), Auto Low Latency (ALLM), Quick Frame Transport (QFT) and Quick Media Switching (QMS)
- UL Listed, CL3 Rated

Visit vanco1.com to view the complete HDMI lineup.

Speakers with Patented
Sonic Vortex® technology

LIFETIME WARRANTY

Unless otherwise noted

Complex simplicity that took years to develop. Our patented Sonic Vortex® technology produces amazing bass and effortless clarity in an integrated enclosure. It is literally a 'twist' on ported transmission line design, which optimizes air movement to provide astonishing sound in a compact speaker.

Sonic Vortex® re-imagines the traditional ported enclosed speaker design by separating the main port into multiple sections called "fins" that are tuned to ideal listening specifications. The fins compress and move air at a high rate of speed without port noise and also add to the enclosure's rigidity. Compared to sealed models, Sonic Vortex® design provides a 6-9 dB boost in the mid-lower bass ranges and a flatter frequency response across the dui spectrum. Incredibly, this award winning and patented design fits in the traditional in-wall/in-ceiling enclosure, which keeps costs down while increasing options for product scalability.

Sonic Vortex® TECHNOLOGY

Brands Made for Pro AV Integration
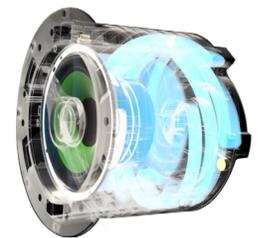
TIC651 6.5" Commercial Speaker

Our 6.5" Sonic Vortex outperforms most 8" to 10" speakers.

Key features:

- Speaker Type – In Ceiling 2-Way
- Woofer – 6.5" Fluted Injected Polypropylene
- Tweeter – 1" Aluminum Dome
- Frequency Response: 48Hz–24kHz
- Sensitivity: 89db
- Sonic Vortex® Ported Transmission Line
- Magnetic Bezelless Grill
- Selectable 8Ω/25V/70V/100V
- 25V Taps – 0.2W, 0.4W, 0.7W, 1.3W, 2.5W
- 70V Taps – 1.3W, 2.5W, 5W, 10W, 20W
- 100V Taps – 2.5W, 5W, 10W, 20W
- Power Handling (8Ω): 5-120W
- Cutout – 8.4" (214mm)
- Diameter – 9.4" (239mm)
- Depth – 6.8" (172mm)
- Speaker Weight – 7.10 lbs (3.22kg)

TIC801 8" 70/100V Speaker

When your customer wants ultimate performance for his commercial space.

Key features:

- Speaker Type – In Ceiling 2-Way
- Woofer – 8" Fluted Injected Poly
- Tweeter – 1" Aluminum Dome
- Frequency Response: 35Hz–24kHz
- Sensitivity : 92db
- Sonic Vortex® Ported Transmission Line
- Magnetic Bezelless Grill
- Selectable 8Ω/25V/70V/100V
- 25V Taps – 0.3W, 0.5W, 0.9W, 1.8W, 3.5W
- 70V Taps – 1.9W, 3.8W, 7.5W, 15W, 30W
- 100V Taps – 3.8W, 7.5W, 15W, 30W
- Power Handling (8Ω): 5-120W
- Cutout – 10.3" (261.5mm)
- Diameter – 11.3" (284mm)
- Depth – 8.6" (219.5mm)
- Speaker Weight – 8.38 lbs (3.8kg)

TICW401 4" COMMERCIAL SPEAKER

Small in size for large in performance.

Key features:

- Speaker Type: In-Ceiling/In-Wall 2-Way
- Woofer: 4" Fluted Injected Polypropylene
- Tweeter: 3/4" Aluminum Dome
- Frequency Response: 68 Hz — 24 kHz
- Sensitivity: 89 dB
- Sonic Vortex® Ported Transmission Line
- Magnetic Bezelless Grill
- Selectable 8Ω/25V/70V/100V
- 25V Taps: 0.2W, 0.3W, 0.5W, 0.9W, 1.8W
- 70V Taps: 1W, 1.9W, 3.8W, 7.5W, 15W
- 100V Taps: 1.9W, 3.8W, 7.5W, 15W
- Power Handling (8Ω): 5-80W
- Cutout: 6.4" (162 mm)
- Diameter: 7.4" (186 mm)
- Depth: 3.82" (97 mm)
- Speaker Weight: 2.59 lbs (1.175 kg)

Speaker Comparison Chart

Find the perfect set of speakers for your next project!

Scan QR to find the right solution for you.

Download
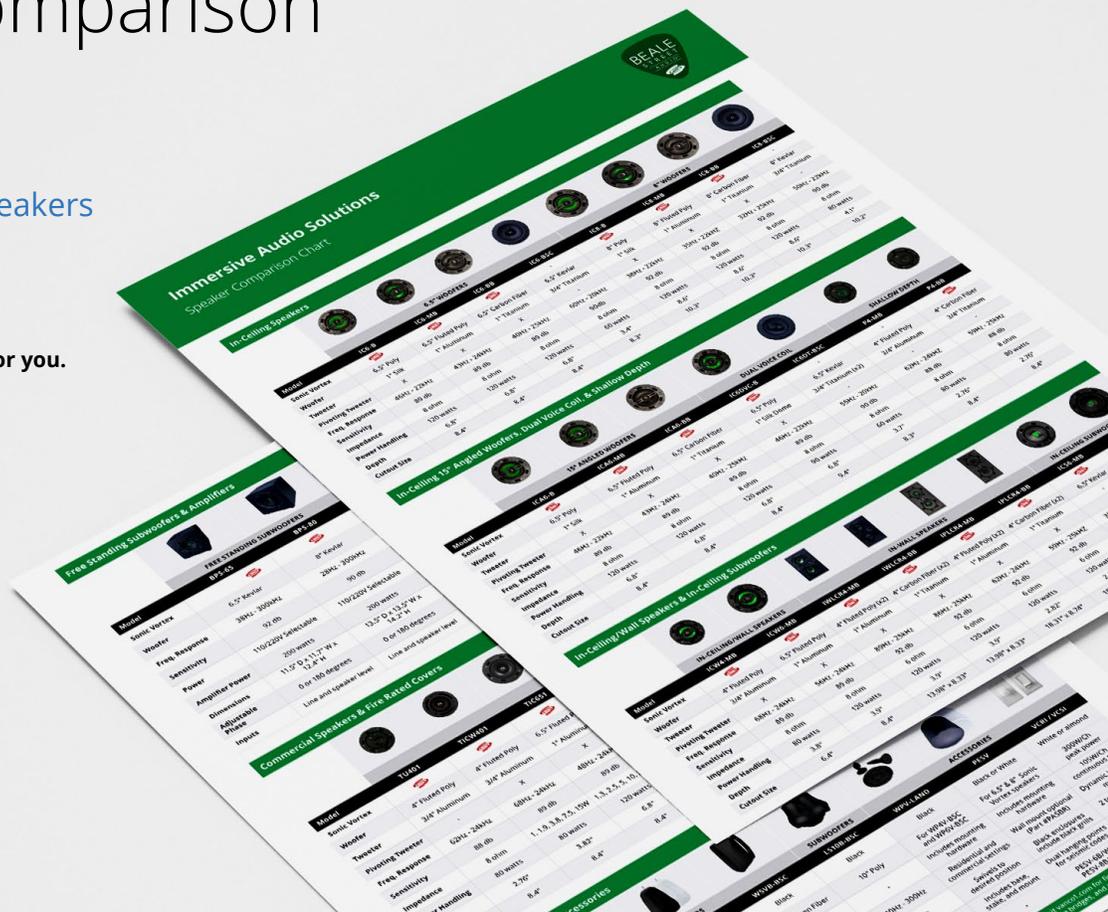
TU401 4" ULTRA SHALLOW COMMERCIAL SPEAKER

Sonic Vortex performance with less than 3" of depth.

Key features:

- Speaker Type: In-Ceiling/In-Wall 2-Way
- Woofer: 4" Fluted Injected Polypropylene
- Tweeter: 3/4" Aluminum Dome
- Frequency Response: 62 Hz — 24 kHz
- Sensitivity: 88 dB
- Sonic Vortex® Ported Transmission Line
- Includes Round and Square Magnetic Bezelless Grills
- Selectable 8Ω/25V/70V/100V

- 25V Taps: 0.2W, 0.3W, 0.5W, 0.9W, 1.8W
- 70V Taps: 1W, 1.9W, 3.8W, 7.5W, 15W
- 100V Taps: 1.9W, 3.8W, 7.5W, 15W
- Power Handling (8Ω): 5-80W
- Cutout: 8.4" (162 mm)
- Diameter: 9.5" (241.4 mm)
- Depth: 2.76" (70.2 mm)
- Speaker Weight: 2.93 lbs (1.33 kg)

Fire Rated
Speaker Covers

for In-Ceiling Speakers

FF109-FRSC	Beale Basic Speakers
FF109-FRSC-XL	Sonic Vortex Speakers

**Passive Fire Protection
from Tenmat and Vanco**

FF109-FRSC

FF109-FRSC-XL

FF109-FRSC & FF109-FRSC-XL Fire Speaker Covers by Tenmat

ETL certified, 1 hour fire rated covers for Beale Street Audio in-ceiling speakers.

These 1 hour fire rated speaker covers are a dome shaped intumescent enclosure which has been specifically designed to help maintain the integrity of fire-resistance rated ceilings for one hour when penetrated by in-ceiling loudspeakers.

Key features:

- Available in multipacks of 10
- 60-minute protection
- Enhances the acoustic protection of the ceiling
- For use in floor/ceiling assemblies
- Easy Installation – can be fitted in seconds – no screws, drilling, or additional sealant required
- Flexible material enables the cover to be fitted around obstacles or retrofitted
- For ceiling cut-outs up to 8"
- Easy to remove and re-install for speaker maintenance
- Maintenance free

Visit vanco1.com to view the complete Tenmat lineup.

IC6V-BSC 6.5" In-Ceiling 70V Speaker (Beale Basics)

Premium materials at an entry level price point.

Key features:

- Woofer: 6.5" Kevlar Type Woven Cone
- Tweeter: 0.75" Titanium Dome
- Power Handling: 60 W
- Nominal Impedance: 8Ω
- 70V Taps: 2.5W, 5W, 10W

- Sensitivity: 90 dB
- Frequency Response: 65Hz 20kHz
- Cutout Size: 8.3" (210 mm)
- Diameter: 9" (227 mm)
- Depth: 3.4" (87 mm)

IC8V-BSC 8" In-Ceiling 70V Speaker (Beale Basics)

Our best non-Sonic Vortex speaker.

Key features:

- Woofer: 8" Kevlar Type Woven Cone
- Tweeter: 0.75" Titanium Dome
- Power Handling: 80W
- Nominal Impedance: 8Ω
- 70V Taps: 2.5W, 5W, 10W

- Sensitivity: 90 dB
- Frequency Response: 50Hz—20kHz
- Cutout Size: 10.2" (258 mm)
- Diameter: 10.9" (276 mm)
- Depth: 4.1" (105 mm)
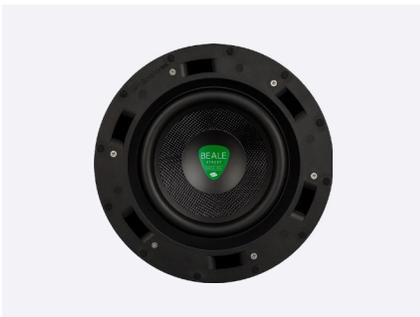
ICS8-MB 8" In-Ceiling Subwoofer

Give your space that visceral impact with our Sonic Vortex subwoofer.

Key features:

- Speaker Type – In Ceiling Subwoofer
- Woofer – 8" Kevlar
- Frequency – 28 Hz – 300 kHz
- Sensitivity – 90db
- Sonic Vortex® Ported Transmission Line
- Magnetic Bezelless Grill

- Impedance – 4Ω
- Depth – 8.6" (219.5mm)
- Cutout – 10.3" (261.5mm)
- Diameter – 11.3" (284mm)
- Power Handling – 5-240W
- Speaker Weight – 11.8 lbs (5.35kg)

Luxury on a Large Scale: Incorporating Zoned Audio into the Modern MDU at Wendell Falls

Beale Street's Sonic Vortex technology uses an integrated enclosure to provide deep bass and superior clarity from installed speakers with no bleed through.

Designing the Space

It was no small ask as the client had a host of community amenities planned. This included the aforementioned game simulator lounge, cinema, yoga room and conference room as well as a brew lounge, cyber café, fitness center and cross-training room. There were also multiple outdoor spaces to consider. For example, the saltwater pool with its sundeck and cabanas, outdoor social lounges with yard games, outdoor grill areas and a dog park. Each of these spaces needed a dedicated audio zone, with control accessible to both property management and residents.

Fortunately, Mullins had a trusted partner of his own. He called up Matt Bryant, a Vanco rep and director of technology for Security Solutions Incorporated (SSI). Bryant had helped him on previous MDU projects with AV system design and equipment selection. "I've been asked to install audio systems before, but given the number and variety of spaces, this was truly on another level," says Mullins. "Thankfully, I know I can rely on Matt. He's been helping me incorporate audio into projects for two years."

Superhero Fire Protection and SSI worked together to design a system that would deliver the luxury experience for the MDU at Wendell Falls. Ultimately, the solution required 13 audio zones, spread out from the clubhouse to the outdoor amenity areas. The system was large, both in terms of number of endpoints and physical area. In addition to the AV systems, Superhero Fire Protection was installing security cameras and access control throughout the facility. The team quickly resolved that a unified network-based infrastructure with fiber cabling throughout would be the best solution to simplify system management and operation and leave room for future upgrades.

Ensuring Crisp Sound

The team thus designed the complex's community spaces with a modern, sweepingly vertical aesthetic. The social lounge ceilings tower over 15 feet above the tile and hardwood floors, meaning that the ceiling-mounted speakers have a big space to fill. Yet, just overhead, there are conference rooms and offices to support residents working from home. The cinema also lies adjacent to living, work and social spaces. "In any project with such a variety of spaces, so closely assembled, audio bleed-through is always going to be an issue," says Bryant. "That's what makes Vanco's Beale Street Audio line such a natural choice for the installed speaker systems. They're my automatic go-to for MDU projects." Vanco is the the Batavia, Ill.-based provider of AV distribution and electronic accessory products.

Beale Street's Sonic Vortex technology uses an integrated enclosure to provide deep bass and superior clarity from installed speakers with no bleed through. The technology also lowers installation and maintenance costs. For instance, the built-in enclosures mean Beale Street speakers don't require a backbox. Additionally, the Sonic Vortex enclosure harnesses even very low frequency sounds. This means there's no potential for drywall cracking due to speaker vibration and no need for bracers, even for subwoofers.

Delivering the Unique Adjustments

Still, the unique requirements of the Wendell Falls MDU project required adjustments. Originally, the team had planned on using ceiling-mounted speakers in the cinema, but due to the cathedral height of the ceilings, they decided to switch to a wall-mounted solution for a more immersive listening experience. Both the speakers and the subwoofer were recessed within the cinema walls, both for aesthetics and to protect the equipment from damage or vandalism.

On the backend, the team uses four Russound streamers and a Russound head-in controller to bring streaming audio sources to any zone. The entire network-based system can be controlled via either a sleek wallplate or a mobile app — all part of the luxury resident experience, which also allows residents to pay rent, manage package deliveries or make maintenance requests online. Residents and property management have different levels of control and access, of course. The resident experience — and the system — is further protected by built-in programming in the Beale Street speakers, which limits the volume so that residents can't damage the equipment or annoy each other.

The finished system is the backbone of an apartment complex designed to be a true to community, where residents can enjoy living, working, and socializing. "This is the future of luxury amenities," says Bryant, "Designing homes that people never want to leave."

It may also be a bigger part of the future for Superhero Fire Protection. "We've got more and more clients asking us to do this kind of thing," say Mullins. "At this point, it may become a standard offering for us." As apartment complexes increasingly take amenity cues from luxury homes, installed audio in MDUs represents an opportunity no integrator should leave on the table.

Pendant

On-Wall

WP4V-BSC	6.5" Landscape - Black
WP4VW-BSC	6.5" Landscape - White
WP6V-BSC	6.5" Landscape - Black
WP6VW-BSC	6.5" Landscape - White

LIFETIME WARRANTY
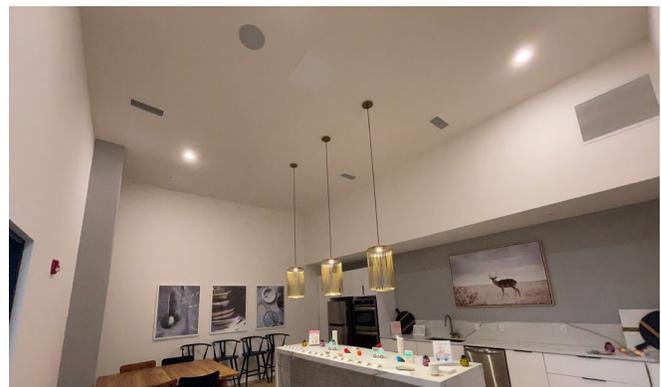
WP-BSC On-Wall/Pendant Speaker

When used as a pendant speaker the Beale Street WP series speakers offer very wide dispersion and a full sound.

The magic is that the same speakers can be used for landscapes and wall mounts. Now the listener hears the same quality sound whether indoors or outdoors.   They can be used as both constant voltage or 8 ohm speakers so they match with any amplifiers.

WP4-BSC key features:
- Woofer: 4" Polypropylene
- Tweeter: .75" Silk Dome
- RMS Power: 20 W
- Nominal Impedance: 8 Ω
- Sensitivity: 83 dB
- Transformer:70 V: 8 Ω, 1.25 W, 2.5 W, 5 W, 10 W
- 100 V: 8 Ω, 2.5 W, 5 W, 10 W, 20 W
- Frequency Response(±3 dB): 120 Hz — 20 kHz
- Indoor/Outdoor Rating: IP66
- Unique mounting system allows for hanging from a ceiling or mounting to a wall
- Product Dimensions: 5.4" x 7.5" (138 mm x 190 mm)

WP6-BSC key features:
- Woofer: 6.5" Polypropylene
- Tweeter: 1" Silk Dome
- RMS Power: 40W
- Nominal Impedance: 8Ω
- Sensitivity: 85dB
- Transformer: 70 V: 2.5 W- 5 W- 10W- 20 W- NC & 8 Ω
- 100 V: 5 W- 10 W- 20 W- 40 W- NC & 8 Ω
- Frequency Response(±3dB): 100 Hz — 20 kHz
- Indoor/Outdoor Rating: IP66
- Unique mounting system allows for hanging from a ceiling or mounting to a wall
- Product Dimensions: 8.2" x 11" (208 mm x 280 mm)

PESV Pendant Speaker Enclosures

Perfect for open-ceiling and exposed environments

Key features:

- Compatible with most Beale Street Audio speakers with Sonic Vortex® technology
- Supports 8 Ω and 70 V speakers and subwoofers
- Water, weather and UV resistant for indoor and outdoor installations
- IP65 Rated
- Custom color-match in any space with Paintable enclosure
- Paintable black grill provided with PESV-6B and PESV-8B
- Includes additional pendant mounting options and support

PESV-6B	6.5" Pendant - Black
PESV-6W	6.5" Pendant - White
PESV-8B	8" Pendant - Black
PESV-8W	8" Pendant - White

LS10B-BSC 10" Down-Firing Landscape Subwoofer

The way to turn any outdoor space into a truly immersive experience is by adding subwoofers.

The LS10 series sub by Beale Street Audio add fullness and low frequency energy to any outdoor music space. There is no need to dig a whole to conceal the subs. These are designed to be discretely place on the ground for best coverage. An eyelet on the bottom allows to anchor the sub so it does "walk away" unexpectedly.

Key features:

- Weather and water resistant landscape subwoofer designed to withstand sun, wind, and rain
- Perfect for year-round outdoor use
- Pair with Beale Basics 4" and 6.5" On-Wall/Pendant Speakers and WPV-LAND Landscape Kit for a complete outdoor landscape system
- Woofer – 10" polypropylene cone
- RMS Power – 150W
- Frequency Response – 40Hz-300Hz
- Nominal Impedance – 4 Ohm
- Sensitivity – 86 dB
- IP Level – IP65
- Dimensions: 12.2" x 16.5" x 16.5" (310mm x 420mm x 420mm)

TB65/80 Tile Bridges

The TB65 and TB80 tile bridges are specifically designed to provide additional mounting support for the installation of Beale Street speakers. They can be used on 2'x2' and 2'x4' suspended ceilings to provide load bearing support to prevent damage or sagging.

TB65	for 6.5" Speakers
TB80	for 8" Speakers

6.5 Tile Bridge:
- Dimensions: 23.8" x 13.9" (604 mm x 353 mm)
- Weight: 1.2lbs
- Cutout: 8.4" (213 mm)
- Material: Metal
- Beale Street Speaker Models: IC6-B, IC6-MB, IC6-BB, ICA6-B, IC6-MB, IC6-BB, IC6DVC-B, ICW6-MB, P4-MB, P4-BB, TU401, TIC651, ICS6-MB, IC6-BSC, IC6V-BSC

8 Tile Bridge:
- Dimensions: 23.8" x 13.9" (604 mm x 353 mm)
- Weight: 1.4lbs
- Cutout: 10.3" (262 mm)
- Material: Metal
- Beale Street Speaker Models: IC8-B, IC8-MB, IC8-BB, TIC801, ICS8-MB, IC8-BSC, IC8V-BSC

WPV-LAND Landscape Accessory Kit

The WPV-Land turns our WPV series speakers into incredibly high quality land-scape speakers.

Key features:
- Seamlessly installs when using the WP4V-BSC and WP6V-BSC to provide a full range of sound outdoors
- Swivels and positions easily to create optimal listening environments for both residential and commercial applications
- Includes ground stake, speaker mount, and zinc plated steel plate to ensure a stable and secured insulation

Fully Customizable
Audio Solutions

★ 2 ★
2 YEAR WARRANTY

Unless otherwise noted

BAV4250/2500 Multichannel Amplifier with DSP

The BAV2500 and BAV4250 are digital professional audio amplifiers which can be set to 4/8 ohm, 70V or 100V outputs and provides up to 250W (BAV2500) or 500W (BAV4250) per channel.

Balanced (3-conductor connector) or unbalanced (RCA) which can be matrixed and sent to the outputs. The BAV2500 and BAV4250 has a 100~240 VAC allowing it to be used just about anywhere there is AC Voltage.

BALANCED & UNBALANCED INPUTS

70V / 100V 8 OHM
COMPATIBLE

DSP
DIGITAL SIGN PROCESSING

MATRIX AUDIO ROUTING

Key features:

- Compatible with 4/8 ohm and 70/100V speakers and systems
- Controllable via front panel and IP
- Browser based GUI for easy setup and control
- Matrix mode allowing any source to be routed to any output channel
- Any source(s) can be mixed or individually selected to any output channel
- Digital Signal Processing (DSP) to customize audio performance and experience
- Parametric Equalizer to adjust bass, treble, notch, LPF and HPF
- Control via the front panel or through TCP/IP control
- CE, FCC, ICES-3 Rated
- High efficiency, low noise universal power supply (100~240VAC, 50/60Hz)

A220 220W Subwoofer Amplifier

The A220 amp is the perfect companion to the our architectual subwoofers.

The high current digial amp provides the prower to energize our subs to create that veseral impact for movies and music. Its buit in crossover and gain control allow for perfect matching to any speaker system. The unit can be connected via line level or speaker level and offer signal sensing to power the unit on or off with the system.

Key features:

- Power – 120W @ 8Ω; 220W @ 4Ω
- Stereo Or Mono Audio Line Level Input (RCA)
- Stereo Speaker Level Input and Passthrough
- Adjustable Subwoofer Crossover Frequency
- Adjustable Phase Settings
- Source Sensing
- 12/24VDC On/Off Trigger Input
- 110/220V

PAV140/1100 Single Channel Amplifier with Mic Ducking

The Pulse PAV amplifiers are a great solution for small to medium size installations, small restaurants, convenience stores, etc.

The PulseAudio PAV140 and PAV1100 are Class-D power amplifiers which can output alternatively at 70V or 100V. It is equipped with stereo inputs (a 3.5mm jack for line in and two RCA for L&R audio), one digital input and a balanced MIC input. They feature mic ducking functionality, EQ control, and mic mixing. The mic input supports condenser MIC, dynamic MIC & line level audio input. The single output channel supports up to 40W (PAV140) and 100W (PAV1100) respectively and is able to be controlled manually, via RS232 or IR. Multiple PAV1100 amplifiers can be used, and can be addressed with different IDs to ensure each zone is able to be controlled individually.

Key features:

- Mono audio output
- 3-level MIC input, supports condenser microphone, dynamic microphone and wireless microphone, with ducking or mixing function
- Balanced and unbalanced Mic Inputs
- Controllable via front panel, IR (PAVIR-KIT sold separately) & RS232
- Anti-static case design provides good protection for long-term and stable performance

PA-EXTDA Digital-Analog Audio Extender

The PA-EXTDA is a digital-analog audio extender over a single Cat5e/6 up to 557ft/170m for analog audio sources, or a digital audio signal up to 951ft/290m.

The toslink, coax, and RCA audio outputs are all synchronized and can be used simultaneously to provide digital and analog audio to 3 different audio devices at the same time without any lag between audio formats. With POC technology, the transmitter can be powered by the receiver for a for quick and easy installation.

Key features:

- Analog audio extension over a single Cat5e/6 via 3.5mm connection
- Digital audio extension over a single Cat5e/6 via Toslink and/or Coax connection
- Three audio synchronous outputs: TOSLINK, COAX & RCA (L+R)
- Supports pass-through of PCM, DTS, and Dolby audio formats
- POC technology allows Transmitter to be powered up by the Receiving unit

PA-CVB1 Collaboration Video Bar

An all-in-one, compact design with crystal clear audio and 4K video, perfect for any conference room type application.

Advanced AI allows for multiple framing technologies such as facial detection, sound positioning, and voice tracking to automatically frame meeting participants and adjust focus to always present the best view. Plug and play USB 3.0 connectivity, along with a 3.5mm stereo audio input allows for quick and seamless integration to any video conferencing equipment or software anywhere, and anytime.

Key features:

- Built-in 6-mic array to achieve voice tracking function and real-time tracking of each speaker, allowing remote participants to break the limitation of distance and create an immersive, face-to-face experience
- Built-in high-quality speakers
- High-fidelity 48K audio sampling rate
- Built-in face detection to automatically detects participants for ideal framing and view
- Equipped with a 4K, 120 °super wide view angle and non-distortion lens
- Compatible with Windows7, Windows10, Windows11, and Mac OS 10.10 or higher
- Easy to use with the most popular video conferencing platforms, including but not limited to Microsoft Teams, Skype for Business, Zoom, GoToMeeting, and more

PA-EXMIX

PA-TXMIX

PA-WPMIX

PHANTOM POWER | GAIN CONTROL | PoC POWER OVER CABLE | BALANCED & UNBALANCED INPUTS OR OUTPUTS

PA-EXMIX Mixing Audio Extender

The PA-EXMIX Microphone Mixing Audio Extender over single Cat5e/6 extends analog audio and microphone signals up to 300m/984ft.

Mixing is done with an easy-to-use dial on the transmitting unit that is able to mix audio between the XLR and stereo AUX inputs. The PA-EXMIX also utilizes PoC (power over cable) technology so that the transmitter can be powered from the receiver with a single power supply allowing flexibility

PA-EXMIX Mixing Audio Extender:
- Extends balanced XLR and 3.5 mm stereo audio over a single Cat5e/6 up to 300m/984ft
- Features Power over Cable (PoC), allowing the extender set to be powered with a single power supply, powered on the receiver end
- Mixing built in with an easy to use dial to mix between the XLR and stereo AUX inputs
- Mic input (XLR) and AUX input with balanced level control
- Supports two types of microphones,: Dynamic and Condenser
- 12V Phantom power option

PA-TXMIX Cascading Mixing Audio Transmitter:
- Add additional sources when used with PA-EXMIX using a single Cat5e/6 cable up to 984ft/300m
- Features Power over Cable (PoC), allowing the extender set to be powered with a single power supply, powered on the receiver end
- Mixing built in with an easy to use dial to mix between the XLR and stereo AUX inputs

PA-WPMIX Mixing Audio Extender with Wallplate Transmitter:
- Dual-gang wall plate Transmitter can be installed into the wall for a clean installation
- Features Power over Cable (PoC), allowing the extender set to be powered off a single power supply, powered on the receiver end
- Mixing built in with an easy to use dial to mix between the XLR and stereo AUX inputs
- Mic input (XLR) and AUX input with balanced level control
- Supports two types of microphones: Dynamic and Condenser
- 12V Phantom power option
- Ability to cascade with connections for additional PA-TXMIX transmitters (sold separately) to add additional sources

Products that Perform

Vanco is committed to helping the dealer and distributor community succeed. As part of this commitment, Vanco QC tests 100% of our active products in the US before they leave our warehouse to ensure that distributors and their dealers receive only the highest quality products.

100% Q.C. Tested in the USA

Notes

Vanco International, LLC • Batavia, IL 60510 USA

Brands Made for Pro AV Integration

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Brands Made for AV Integration

Vanco International, LLC

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