



PREMIUM AUDIO VIDEO DISTRIBUTION PRODUCTS

Q1/Q2 2020

VANGO1.COM

MADE FOR AV
DISTRIBUTION

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HDMI® OVER IP SYSTEM



EVO-IP HDMI® OVER IP SYSTEM

The 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. It transmits virtually lossless 4K@60Hz, 4:4:4, HDR, HDCP 2.2 video, audio, and IR/RS232 control as a point-to-point, splitter, switch, matrix and/or video wall solution. Each product is sold separately.



Transmitter (part # EVOIPTX1)



Receiver (part # EVOIPRX1)



Control Box (part # EVOIPCTL1)

EVO-IP HDMI® OVER IP CONTROL BOX

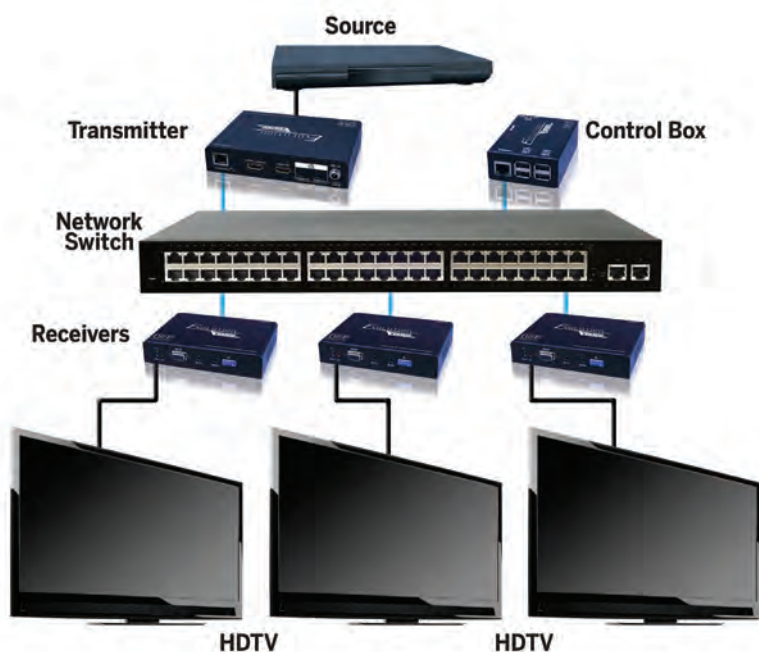
- Easy GUI automatically detects new devices in the system
- Customizable labels and names of sources and displays
- Setup through the GUI can be done without a computer
- HDMI Output for easy access to network information
- USB Ports Reserved for Future Use
- Upscale to 4K@30Hz or downscale to 720p
- EDID preset/learning
- Video Wall mode supports configurations up to 25 displays
- OSD mode to display text, pictures, or logos on the screen
- Great for digital signage
- Connects to the cloud to schedule events or to troubleshoot a situation remotely
- Able to be controlled with Alexa enabled products
- Dimensions: 3.4" W x 3" H x 1" D



PACKAGE CONTENTS

- (1) EVOIPCTL1 Control Box
- (1) 5V Power supply
- (1) Set of Mounting Ears with Screws
- (1) Product Manual

PART NO.	PKG.
EVOIPCTL1	Pkgd



HDMI® OVER IP SYSTEM

EVO-IP HDMI® OVER IP TRANSMITTER

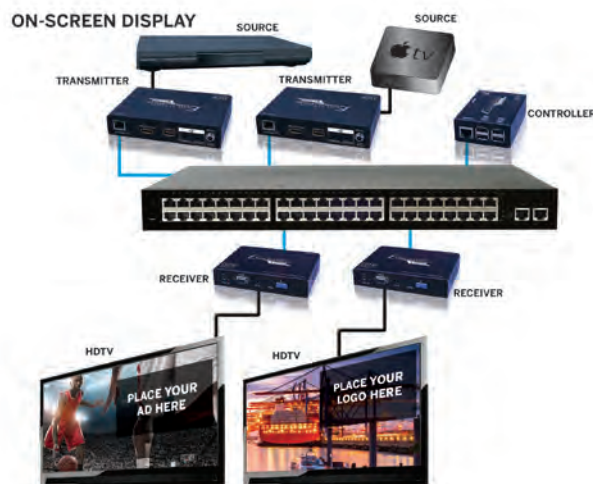
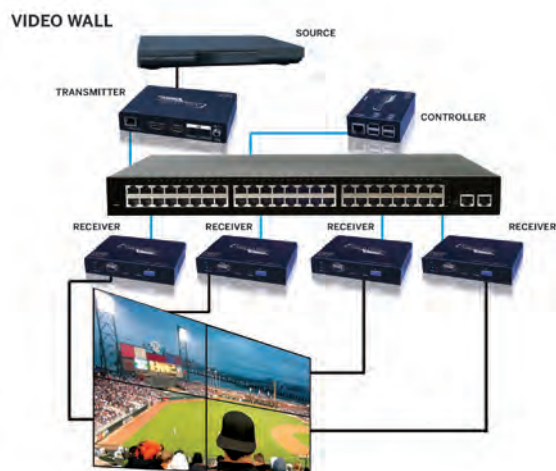


- Supports 4K@60Hz, 4:4:4 chroma
- System can support over 1000 transmitters and receivers
- HDR10 and Dolby Vision compatible
- Dolby/DTS/PCM audio formats supported
- HDCP 2.2/1.4
- POE or can be powered using provided power supply
- Manual dip switch configurable for a truly IP-Less installation
- 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
- Analog and Digital audio breakouts on TX and RX
- HDMI Loop-out for cascading or monitoring
- Upscale to 4K@30Hz or downscale to 720p
- EDID preset/learning
- Video Wall mode supports configurations up to 25 displays
- OSD mode to display text, pictures, or logos on the screen
- Great for digital signage
- Connects to the cloud to schedule events or to troubleshoot a situation remotely
- Able to be controlled with Alexa enabled products
- Dimensions: 5.5" W x 3.8" H x 1" D

PACKAGE CONTENTS

- (1) EVOIPTX1 Transmitter
- (1) 5V Power supply
- (1) Set of Mounting Ears with Screws
- (1) Product Manual

PART NO.	PKG.
EVOIPTX1	Pkgd





EVO-IP HDMI® OVER IP RECEIVER

- Supports 4K@60Hz, 4:4:4 chroma
- System can support over 1000 transmitters and receivers
- 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
- Analog and Digital audio breakouts on TX and RX
- Upscale to 4K@30Hz or downscale to 720p
- EDID preset/learning
- Video Wall mode supports configurations up to 25 displays
- OSD mode to display text, pictures, or logos on the screen
- Great for digital signage
- Connects to the cloud to schedule events or to troubleshoot a situation remotely
- Able to be controlled with Alexa enabled products
- Dimensions: 5.5" W x 3.8" H x 1" D

PACKAGE CONTENTS

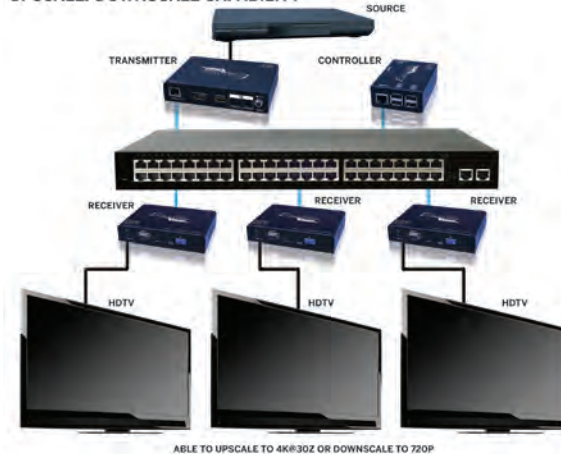
- (1) EVOIPRX1 Receiver
- (1) 5V Power supply
- (1) Set of Mounting Ears with Screws
- (1) Product Manual

PART NO.	PKG.
EVOIPRX1	Pkgd

MATRIX MODE



UPSCALE/DOWNSCALE CAPABILITY



HDBASET™ MATRIX SELECTOR SWITCHES



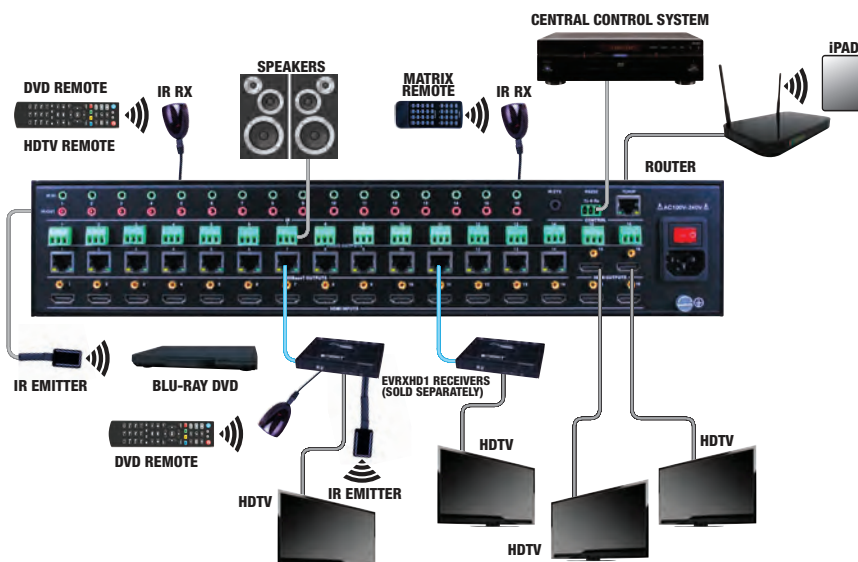
HDBASET™ 4K 16x16 MATRIX SELECTOR SWITCH

- 4K HDBaseT 16x16 Matrix Selector Switch that accommodates 16 HDMI inputs, 14 HDBaseT outputs with 2 HDMI outputs, and 16-analog audio outputs, with IR and RS-232 for control
- Supports up to 4K/60Hz 4:2:0
- Extends 4K signals up to 131ft/40m or 1080p signals up to 230ft/70m using HDBaseT outputs
- Features POH (Power over HDBaseT) technology, providing power to the receivers over Cat5e/6 resulting in easy installation – Receivers sold separately – Part # EVRXHD1 (page 10)
- HDCP 2.2 compatible, supports manual HDCP management
- Automatic and manual EDID management and EQ
- LCD screen shows real-time I/O connection status, switching status, HDCP status, and output resolution
- Controllable via touch-screen front panel, RS-232, IR and TCP/IP
- Supports bi-directional IR & RS-232 control
- Built-in GUI for TCP/IP control
- Rack-mount design
- Features off memory for reliable operation – input and output mapping is automatically stored and recalled when the unit is powered on and off and in the event of a power outage
- Features a Micro USB port for Firmware upgrades
- Easy installation with rack-mounting design
- Dimensions: 17.2" W x 3.5" H x 15.3" D

PACKAGE CONTENTS

- (1) EVMX4K16 16x16 Matrix
- (16) Wideband IR TX cables
- (17) Wideband IR RX cables
- (1) IR Remote
- (16) Pluggable Terminal Blocks
- (1) RS-232 cable
- (1) Power Cord
- (2) Mounting Ears/Screws
- (4) Plastic Cushions/Screws
- (1) Product Manual

PART NO.	PKG.
EVMX4K16	Pkgd





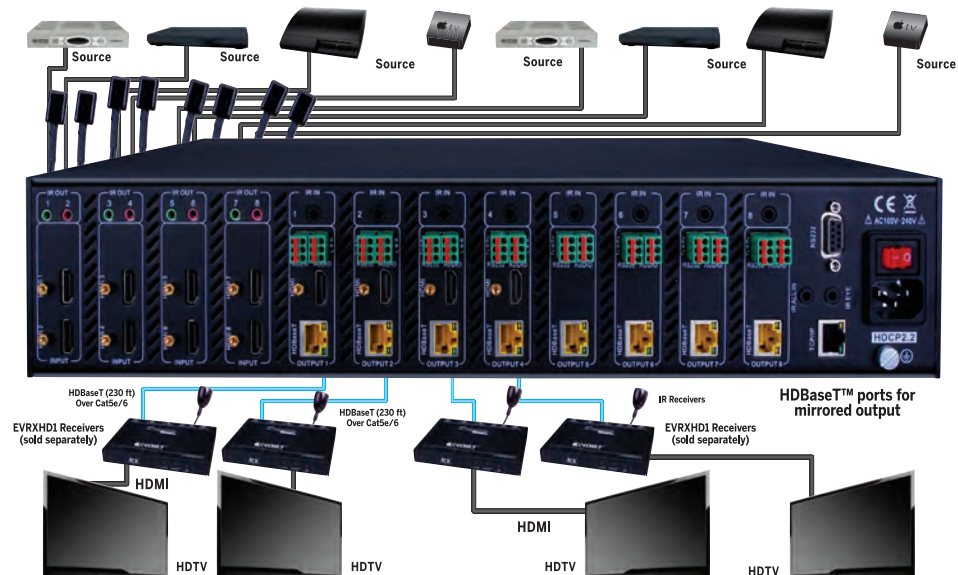
HDBASET™ 4K 8X8 MATRIX SELECTOR SWITCH

- 4K HDBaseT 8x8 Matrix Selector Switch that accommodates 8 HDMI inputs- 8 HDBaseT outputs with 4 mirrored HDMI outputs- and 8-analog audio outputs- with IR RS232 zone as well as IR- RS232 and IP control for the matrix
- Supports 4Kx2K @ 60Hz & 1080p 3D signals
- Transmits 4Kx2K signal for 26ft/8m via HDMI port and 131 ft/40m via HDBaseT port
- Transmits 1080p signal 230ft/70m via HDBaseT port
- Features POC (Power over Cable) technology- providing power for the receivers – Receivers sold separately- Part # EVRXHD1 (page 10)
- HDCP 2.2 compatible- supports manual HDCP management and auto-detecting
- Powerful EDID management and EQ
- LCD screen shows real-time I/O connection status- switching status- HDCP status- and output resolution
- Controllable via touch-screen front panel- RS232- IR and TCP/IP
- Supports bi-directional IR & RS232 control
- Built-in GUI for TCP/IP control
- Features off memory for reliable operation – input and output mapping is automatically stored and recalled when the unit is powered on and off and in the event of a power outage
- Features a Micro USB port for Firmware upgrades
- Easy installation with rack-mounting design
- Dimensions: 17.2" W x 3.5" H x 15.3" D

PACKAGE CONTENTS

- (1) EVMX4K08 8x8 Matrix
- (8) Wideband IR TX cables
- (9) Wideband IR RX cables
- (1) IR Remote
- (16) Pluggable Terminal Blocks
- (1) RS-232 cable
- (1) Power Cord
- (2) Mounting Ears /Screws
- (4) Plastic Cushions/Screws
- (1) Product Manual

PART NO.	PKG.
EVMX4K08	Pkgd



HDBASET™ MATRIX SELECTOR SWITCHES



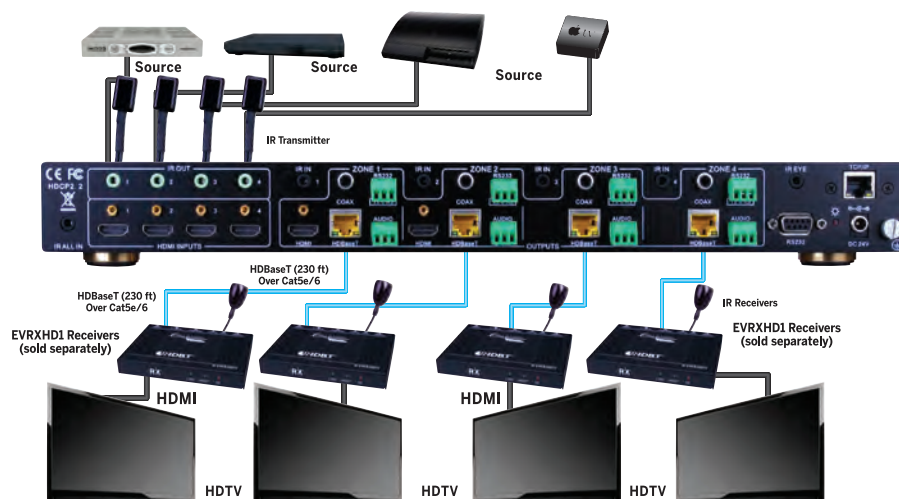
HDBASET™ 4K 4X4 MATRIX SELECTOR SWITCH

- 4K HDBaseT 4×4 Matrix Selector Switch that accommodates 4 HDMI inputs- 4 HDBaseT outputs with 2 mirrored HDMI outputs- and 4-analog audio outputs- with IR RS232 zone as well as IR- RS232 and IP control for the matrix
- Supports 4Kx2K @ 60Hz & 1080p 3D signals
- Transmits 4Kx2K signal for 26ft/8m via HDMI port and 131 ft/40m via HDBaseT port
- Transmits 1080p signal 230ft/70m via HDBaseT port
- Features POC (Power over Cable) technology- providing power for the receivers – Receivers sold separately- Part # EVRXHD1 (page 10)
- HDCP 2.2 compatible- supports manual HDCP management and auto-detecting
- Powerful EDID management and EQ
- LCD screen shows real-time I/O connection status- switching status- HDCP status- and output resolution
- Controllable via touch-screen front panel- RS232- IR and TCP/IP
- Supports bi-directional IR & RS232 control
- Built-in GUI for TCP/IP control
- Input and Output mapping is automatically stored and recalled when the unit is powered on and off and in the event of a power outage
- Features a Micro USB port for Firmware upgrades
- Easy installation with rack-mounting design
- Dimensions: 17.2" W x 1.7" H x 9.25"

PACKAGE CONTENTS

- (1) EVMX4K04 4x4 Matrix
- (5) Wideband IR TX cables
- (4) Wideband IR RX cables
- (1) RS-232 Cable
- (1) IR Remote
- (1) 24V 2.5A DC Power Adapter
- (1) Rack Mounting Ear Set
- (8) Pluggable Terminal Blocks
- (1) Product Manual

PART NO.	PKG.
EVMX4K04	Pkgd





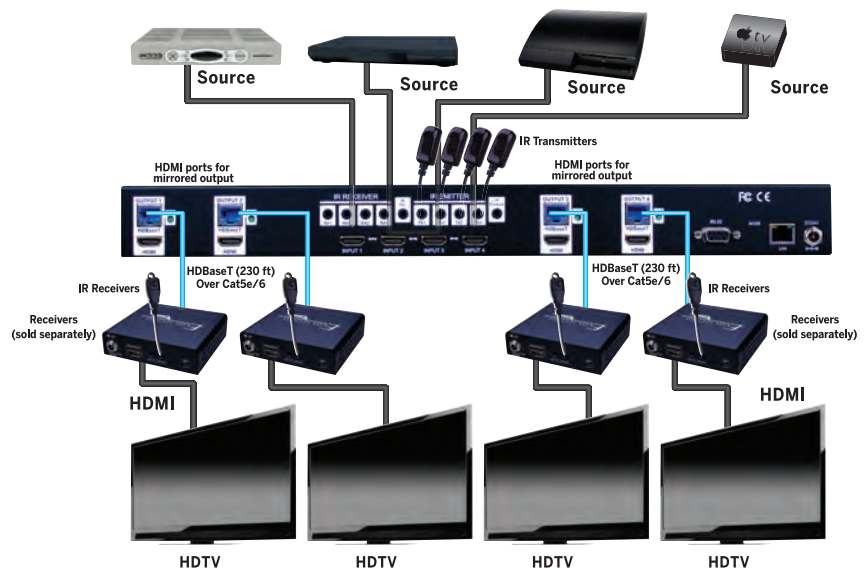
HDBASET™ 4X4 MATRIX SELECTOR SWITCH

- Allows up to 4 HDMI sources to be distributed simultaneously to up to 4 displays
- 4 additional HDMI outputs for flexibility or mirroring capability; allows for connection of up to 8 displays or the ability to create a larger distribution system by cascading or daisy chaining
- HDBaseT Technology that supports HDMI Deep Color- 3D- and up to 1080p High Definition resolution
- Supports Power Over Ethernet (PoE) which integrates power into the Cat5e/Cat6 cable- requiring no power supply for receiving unit. Receivers sold separately- Part # EVRX3000 (page 10)
- Receivers feature LED indicators for clear power and video signal selection
- Transmission Range: Extends 1080p resolutions up to 230ft/70m
- Features EDID management which supports default HDMI EDID and has the ability to learn the EDID of display equipment for any "handshake" issues via RS-232 connectivity
- HDCP Compliant
- Supports HDMI Deep Color and 3D
- Supports 7.1 channel digital audio
- Wideband IR pass-through (20kHz to 60 kHz)
- Choose from 5 switching modes – front panel buttons- Local remote control- RS-232 control- IR call-back (dedicated IR extension cable connected to IR extension port- and IR emitters on sources required)- and IP control utilizing smartphone or tablet via LAN
- 24V 3.75A DC- UL Listed Power supply for 4x4 matrix
- Dimensions: 17.32" W x 1.69" H x 7.96" D

PACKAGE CONTENTS

- (1) EVMX4004 4x4 Matrix
- (5) IR Receiver (RX)
- (4) IR Blaster (TX)
- (1) 24V 3.75A DC Power Supply
- (1) Installation Software CD
- (1) IR Remote Control
- (1) Rack Mounting Ear Set
- (1) Product Manual

PART NO.	PKG.
EVMX4004	Pkgd



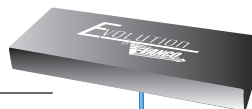
HDBASET™ RECEIVERS



CERTIFIED HDBASET™ POH RECEIVER

- HDBaseT receiver to use with the following part numbers: EVMX4K16, EVMX4K08 and EVMX4K04
- Ultra-thin .6" (16mm) design
- Resolutions up to 4Kx2K/60Hz
- HDCP 2.2 compliant
- Maximum transmission distance is up to 131ft/40m for 4Kx2K, 230ft/70m for 1080p
- Features Power over HDBaseT (POH) when connected to POH, POC or POE supported products
- High bandwidth: 10.2Gbps
- Supports IR/RS232 pass-through
- LED indicators show work status
- Dimensions: 4.3" W x 3.25" H x 0.75" D

Evolution Series
HDBaseT Matrix
(Sold Separately)



HDBaseT over Cat5e/6

PACKAGE CONTENTS

- (1) EVRXHD1 Receiver
- (1) Set of Mounting Ears and Screws
- (1) RS-232 cable
- (1) Product Manual

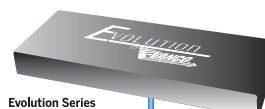
PART NO.	PKG.
EVRXHD1	Pkgd



HDBASET™ RECEIVER 230FT/70M

- HDBaseT receiver to use with part number EVMX4004
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/6, allowing for Receiver to be powered without the use of a power supply
- HDBaseT Technology that supports HDMI Deep Color, 3D, and up to 4K2K resolution @ 30Hz
- Transmission Range: Extends 1080p resolutions up to 230ft/70m over a single Cat5e/6 cable and 2160p/30Hz (4K2K) resolutions up to 131ft/40m
- HDCP Compliant
- EDID pass through
- CEC support
- Auto equalization
- Pure unaltered uncompressed 7.1ch digital HDMI over Cat.5/5e/6 cable transmission
- DTS-HD Master Audio and Dolby TrueHD high bit rate audio support
- Wideband IR signal from 20KHz to 60KHz
- Bi-directional IR pass-through
- Wall mountable housing design for a quick and easy installation
- Dimensions: 3.82" W x 1" H x 3.58" D

Evolution Series
HDBaseT Matrix
(Sold Separately)



HDBaseT over Cat5e/6

PACKAGE CONTENTS

- (1) EVRX3000
- (1) IR Receiver (RX)
- (1) Mounting Hardware
- (1) Product Manual

PART NO.	PKG.
EVRX3000	Pkgd



HDMI® 4K 4X4 MATRIX SELECTOR SWITCH

- Allows up to 4 HDMI sources to be distributed simultaneously to up to 4 displays
- Supports up to 4K@60Hz, 4:4:4, and HDR
- Supports both HDR10 and Dolby Vision
- HDCP 2.2/HDCP 1.4 compatible
- Supports Deep Color and 3D
- Supports DTS/DTS:X, Dolby Atmos and PCM Audio Formats
- 4 SPDIF ports provide de-embedded HDMI audio output
- EDID adjustment via RS-232 or manually adjustable
- RS-232, remote control and/or manual control for switching
- Power Supply: 24V DC, 1.25A
- Dimensions: 17" W x 1.5" H x 9.12" D

PACKAGE CONTENTS

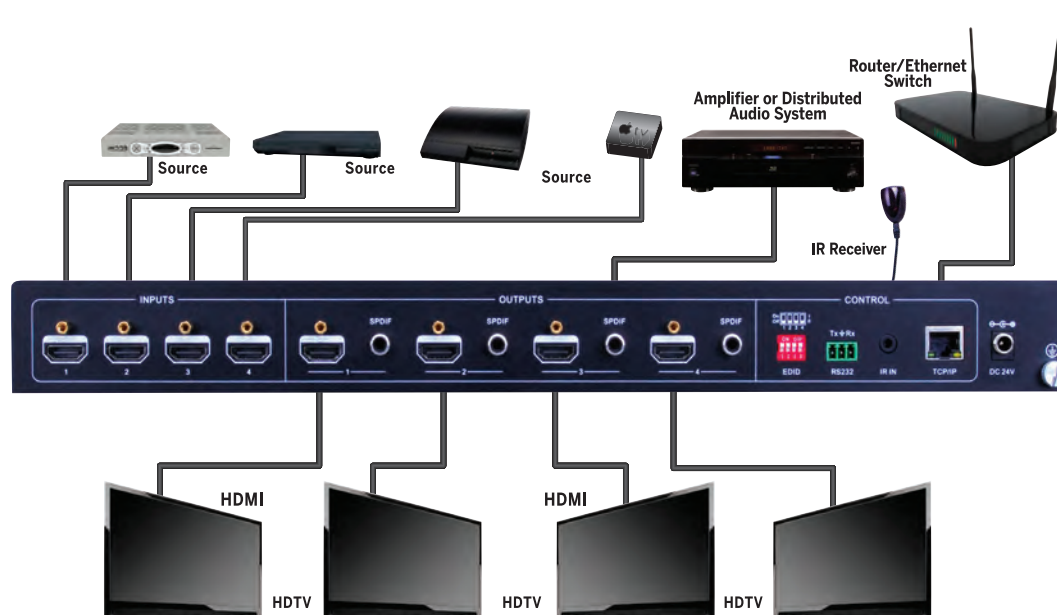
- (1) EVMX4K44 4x4 Matrix
- (1) IR Remote
- (4) Plastic Cushions with Screws
- (1) RS-232 cable
- (1) IR Receiver
- (1) 24V 1.25A DC Power Supply
- (2) Mounting Ears with Screws
- (1) Product Manual

PART NO.

EVMX4K44

PKG.

Pkgd



HDMI® MATRIX SELECTOR SWITCHES



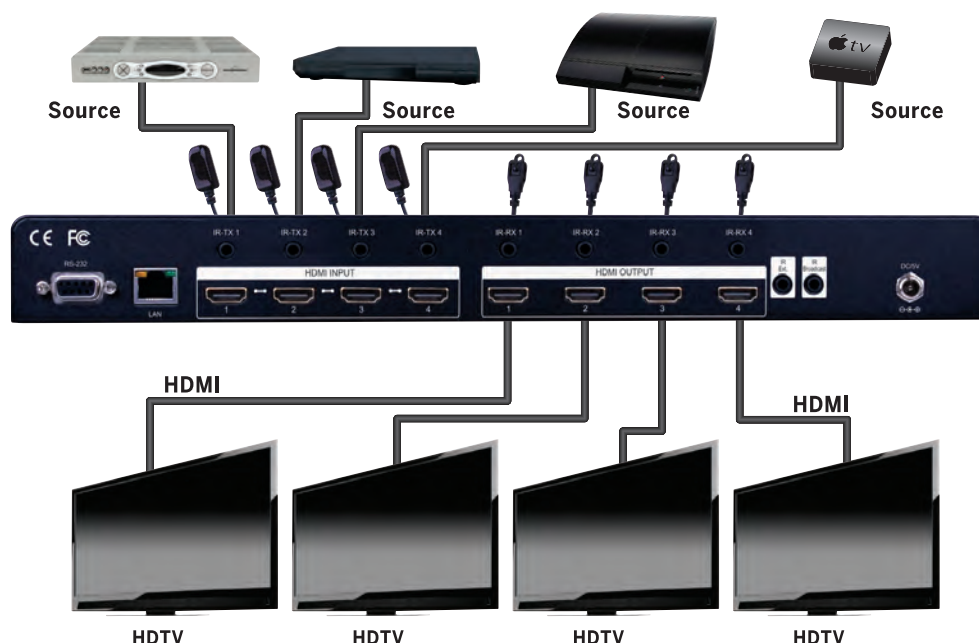
HDMI® 4X4 MATRIX SELECTOR SWITCH

- Allows up to 4 HDMI sources to be distributed simultaneously to up to 4 displays
- 1080p HD Matrix Switcher providing a perfect solution for Home or Retail AV as well as Commercial and Hospitality installations on a budget
- Features EDID management which supports default HDMI EDID and has the ability to learn the EDID of display equipment for any "handshake" issues
- HDCP Compliant
- Supports HDMI Deep Color and 3D
- Supports 7.1 channel digital audio
- Wideband bi-directional IR pass-through (20 to 60 kHz)
- Choose from 5 switching modes – front panel buttons- Local remote control- RS232 control- IR call-back (dedicated IR extension cable connected to IR extension port- and IR emitters on sources required)- and Ethernet control
- Easy installation mounting ear hardware set included
- Dimensions: 14.6" W x 1.57" H x 4.65" D

PACKAGE CONTENTS

- (1) EVMX4444 4x4 Matrix
- (1) IR Receiver (RX)
- (1) IR Blaster (TX)
- (1) 5V 4A DC In-Line with C7 Power Cord
- (1) Mounting Hardware
- (1) IR remote control
- (1) Installation software CD
- (1) Product Manual

PART NO.	PKG.
EVMX4444	Pkgd





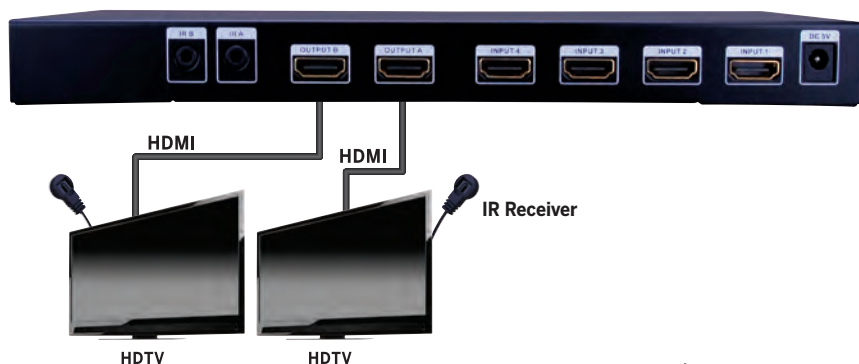
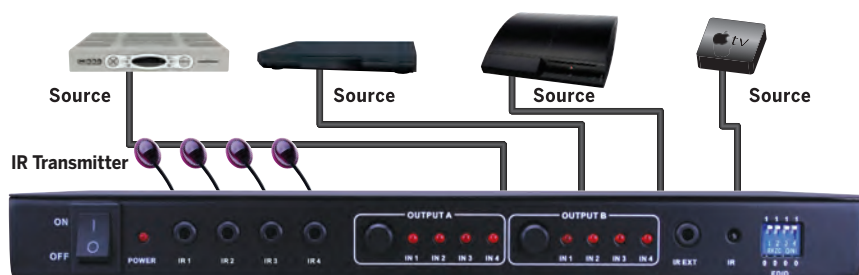
HDMI® 4K2K 4X2 COMPACT MATRIX SELECTOR SWITCH

- Allows up to 4 HDMI sources to be distributed simultaneously to up to 2 displays
- Ultra HD capable Matrix Switcher providing a perfect solution for Home or Retail AV as well as Commercial and Hospitality Installations
- Features EDID management which supports default HDMI EDID and has the ability to learn the EDID of display equipment for any "handshake" issues
- HDCP Compliant
- Supports 4K2K (2160p @ 30 Hz) Ultra High Definition Resolution
- Supports HDMI Deep Color and 3D
- Supports 7.1 channel digital audio
- Wideband bi-directional IR pass-through (IR Transmitters- IR Receivers and IR Remote Control Included)
- Compact design for easy installation- rack mounting ear set included
- Dimensions: 10.2" W x 1" H x 4.4" D

PACKAGE CONTENTS

- (1) EVMX4442 4x2 Matrix
- (3) IR Receiver (RX)
- (4) IR Blaster (TX)
- (1) 5V 1A DC Power Supply
- (1) Mounting hardware
- (1) IR remote control
- (1) Product Manual

PART NO.	PKG.
EVMX4442	Pkgd



VIDEO WALL, MULTIVIEW AND DIGITAL SIGNAGE



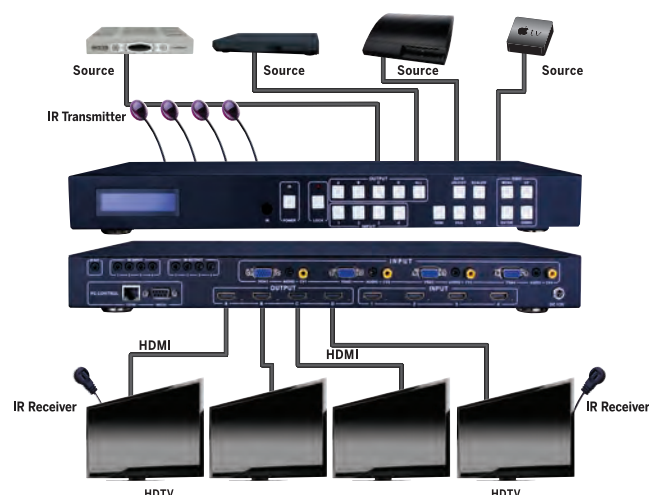
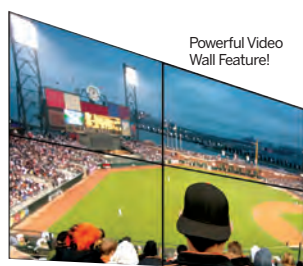
HDMI® 4X4 MULTI-FORMAT MATRIX SELECTOR SWITCH WITH VIDEO WALL AND SEAMLESS MULTIVIEW

- High-performance matrix with multiple modes to produce seamless matrix switching- as well as having multiview- and video wall modes
- The switching mode of the matrix allows the speed of switching to be controlled allowing inputs to fade in and fade out
- Multiview mode allows all of the sources to be seen on the displays equally in Quad-view- or in PIP with a main source being larger than the other smaller sources
- Video Wall mode allows the matrix to be configured to fit a 2x2 video wall with vertical and horizontal adjustments to account for different sized display bezels
- Built-in scaler function to achieve a variety of formats to a unified output signal with embedding audio.
- Supports RS-232- remote control- on-panel control and TCP/IP Control
- HDMI1.3- DVI1.0- and HDCP Compliant
- Input video supports HDMI- VGA and C-video
- Supports input resolutions: HDMI: 480i to 1080p- VGA:1920 x 1080P@60Hz- 1360 x 768P@60Hz- 1280 x 1024P@60Hz- 1024 x 768P@60Hz- 1280 x 720P@60Hz- 1280 x 768P@60Hz- 800 x 600@60Hz- 640 x 480P@60Hz- CV: Supports PAL- NTSC3.58- NTSC4.43- SECAM- PAL/M- PAL/N standard TV formats
- Supports smart EDID management
- Picture Adjustment Settings
- Automatically adjust the VGA and Composite video input
- Supports power-off memory
- Dimensions: 17.32" W x 1.75" H x 7.87" D

PACKAGE CONTENTS

- (1) EVMX44SL 4x4 Matrix
- (4) Wideband IR TX cables
- (5) Wideband IR RX cables
- (1) Mixed Matrix IR Remote
- (1) 12V 2.5A DC Power Supply
- (2) Mounting Ears
- (1) RS232 cable
- (1) Product Manual

PART NO.	PKG.
EVMX44SL	Pkgd





1X4 MULTI-FORMAT VIDEO WALL PROCESSOR WITH HDMI® LOOP-OUT

- HDMI 1x4 Video Wall Processor with Additional HDMI Loop-out for creating larger video wall solutions
- Multi-format functionality supports CVBS/VGA/HDMI inputs and USB for video- picture and music playback
- A single unit is capable of creating vertical and horizontal video walls in a number of different configurations and is able to be cascaded into additional units for even larger video wall systems
- Horizontal and vertical bezel correction
- Supports output resolutions up to 1080p@60Hz
- Supports IR- TCP/IP- and RS232 controls
- Compliant with HDMI1.3a- DVI1.0
- HDCP 1.4
- VGA/USB/CVBS support PCM audio; HDMI supports LPCM- Dolby- and DTS audio formats
- Automatic EDID with outputs able to be scaled to: 1024x768- 1360x768- 1080p- and 720p
- De-interlaced video for improved standard definition content
- Dimensions: 9.8" W x 1.25" H x 4.6" D

PACKAGE CONTENTS

- (1) EVSP14VW 1x4 Video Wall Processor
- (1) IR Receiver (RX)
- (1) RS-232 Cable
- (1) IR Remote
- (1) 12V 2.5A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVSP14VW	Pkgd



VIDEO WALL, MULTIVIEW AND DIGITAL SIGNAGE



HDMI® 4X1 SELECTOR SWITCH WITH SEAMLESS SWITCHING AND MULTIVIEW

- High performance 4 x 1 HDMI switcher with Quad-View- Picture-in-Picture (PIP) capabilities and seamless switching
- Supports four HDMI inputs which can be displayed on one screen either equally in Quad-View mode or with a larger main source in PIP mode
- Control through the front panel button control- IR control- and RS232 control
- IR system allowing for control of source(s) at display end
- HDMI 1.3a and HDCP Compliant
- Supports up to 1080p High Definition resolution
- Up/down scaler functionality
- Support digital audio format LPCM/AC3/DTS
- Coaxial Audio breakout
- Dimensions: 9.84" W x 1.25" H x 4.64" D

PACKAGE CONTENTS

- (1) EVSW1040 4x1 Switch
- (4) Wideband IR TX cables
- (1) Wideband IR RX cable
- (1) Remote Control
- (1) 12V 2.5A DC Power Supply
- (1) RS-232 Cable
- (1) Product Manual

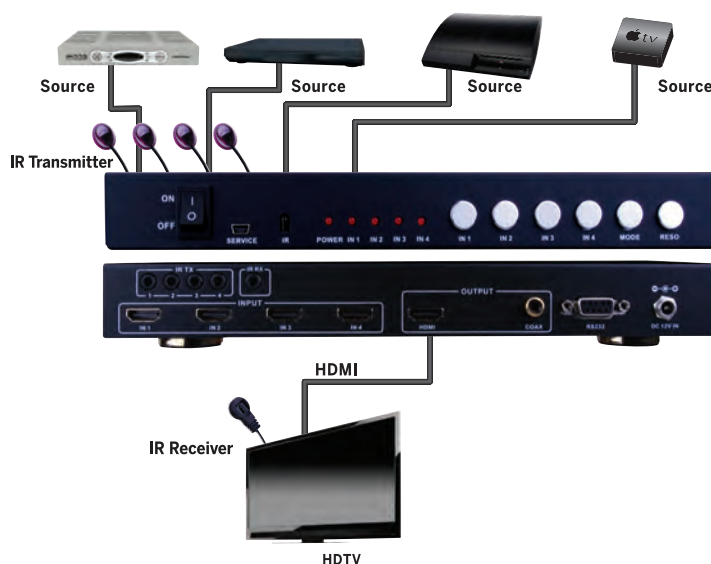
PART NO.	PKG.
EVSW1040	Pkgd



4 Sources
to 1 screen!



Great for
digital signage!



HDMI® 2X1 SWITCH WITH MULTIVIEW AND PIP

- Multiview 2x1 HDMI switcher that allows both sources to be displayed simultaneously
- Two multiview modes available
- Capable of passing and scaling 16:9 and 4:3 aspect ratios
- Side-by-side and PIP viewing options
- Output can be scaled to 6 different resolutions: 1080p- 720p- 1080i- 1024x768- and 1360x768
- Supports multiple output resolutions in PIP mode
- Compatible with LPCM- Dolby and DTS audio formats
- Dimensions: 5.5" W x 1" H x 2.75" D



PACKAGE CONTENTS

- (1) EVSW21MV 2x1 Switch
- (1) 5V DC Power Supply
- (1) IR Remote Control
- (1) RS-232 Serial Cable
- (1) Product Manual

PART NO.	PKG.
EVSW21MV	Pkgd

HDMI® SPLITTERS



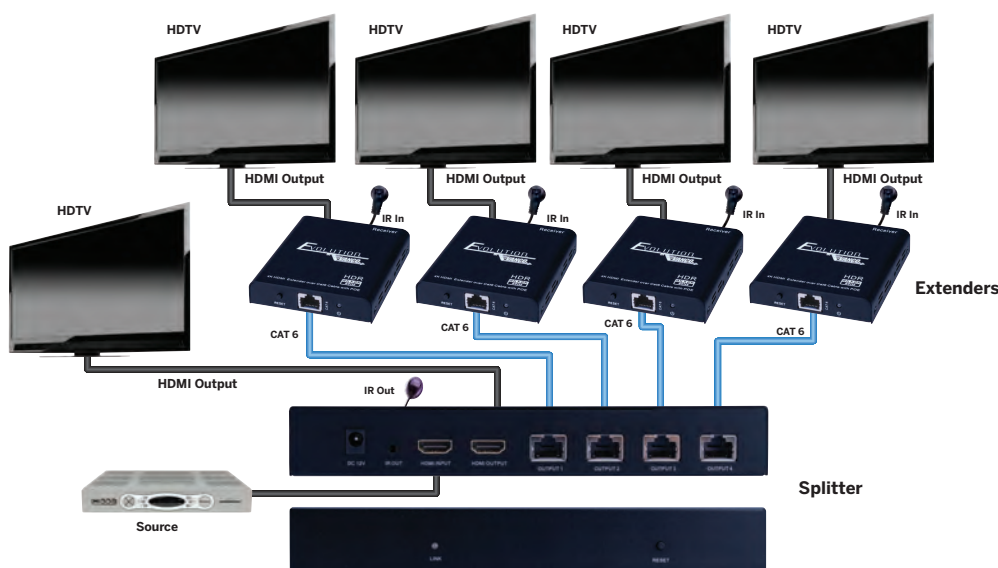
1X4 HDMI® SPLITTER WITH UTP POE PORTS AND HDMI PASS THROUGH WITH RECEIVERS INCLUDED

- Allows 1 HDMI source to be displayed on up to 4 HDMI displays over a single Cat5e or Cat6 cable
- Transmission Range: Extends 4K@60Hz, 4:4:4 Chroma or 4K@30Hz, 4:2:0 and HDR10 up to 98ft/30m, 4K@24/30Hz, 4:4:4 Chroma up to 164ft/50m, and 1080P@60Hz up to 197ft/60m over a single Cat5e/6 cable
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/ Cat6, allowing the receivers to be powered from the EV4K1014; requiring no power supply to be connected
- IR accessories included allowing for source control from each UTP display location
- Features auto EDID for plug and play installation
- HDR10 compatible
- HDCP 1.4/2.2 compatible
- Slim and compact design
- Pure uncompressed 7.1ch digital audio
- Supports DTS-HD and Dolby TrueHD high bit rate audio
- Dimensions: 8.25" W x 4" H x 1.25" D

PACKAGE CONTENTS

- (1) EV4K1014 1x4 HDMI Splitter
- (4) 4K HDMI Extenders
- (1) IR Transmitter (TX)
- (4) IR Receiver (RX)
- (1) 12V 3A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EV4K1014	Pkgd





HDMI® 1X7 SPLITTER OVER CAT5E/CAT6 CABLE WITH ADDITIONAL HDMI® OUTPUT

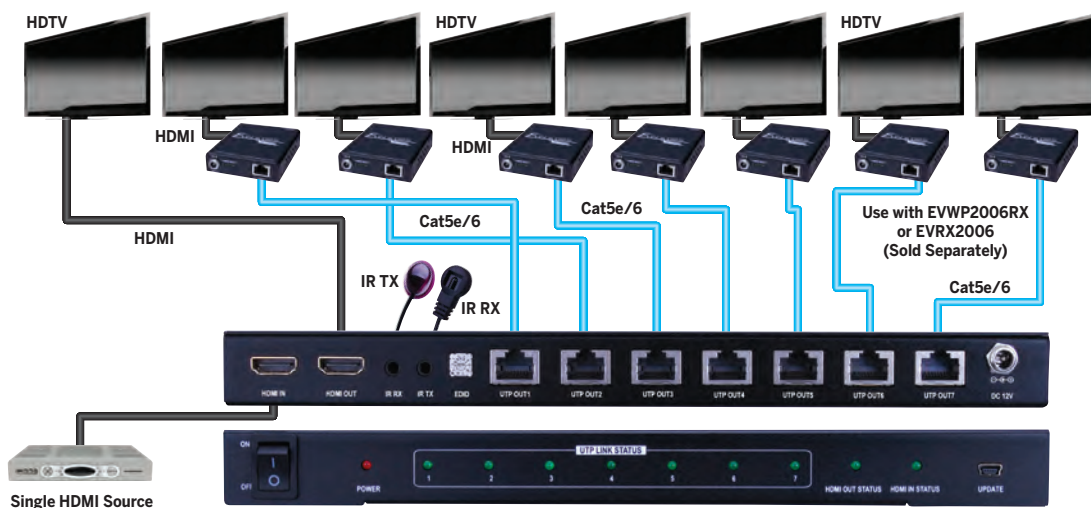
- Allows 1 HDMI source to be displayed on up to 7 HDMI displays over a single Cat5e or Cat6 cable
- Transmission Range: Extends 1080p resolutions up to 164ft/50m to receiver units - EVRX2006 or EVWP2006RX sold separately (page 21)
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/Cat6- allowing the receiver unit (EVRX2006) to be powered from the EVSP1017; requiring no power supply to be connected
- Dynamic or manual EDID management; ability to manually select the best compatible EDID or automatically blend EDID of the 8 connected HDMI sinks
- Additional HDMI output for local display or to connect an additional EVSP1017 to cascade for an expanded distribution system
- Supports HDMI Deep Color and 3D
- Supports multiple audio formats including Dolby True HD- DTS-master- etc.
- Wide band IR system allowing for control of the single source from any of the displays connected
- Wideband IR signal from 20KHz to 60KHz
- HDCP Compliant
- Dimensions: 10.6" W x 1" H x 4.4" D

PACKAGE CONTENTS

- (1) EVSP1017 1x7 Splitter
- (1) IR Blaster (TX)
- (1) IR Receiver (RX)
- (1) 12V 2A DC Power Supply
- (1) Product Manual

U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EVSP1017	Pkgd



HDMI® SPLITTERS



HDMI® 1X3 SPLITTER OVER CAT5E/CAT6 CABLE WITH ADDITIONAL HDMI® OUTPUT

- Allows for 1 HDMI input to be split and sent to 4 different displays
- (3) RJ45 output ports with POE Functionality can connect to the EVRX2006 POE receiver over Cat5e/Cat6 cable to transmit 1080p @60Hz video with audio and control up to 164ft/50m - EVRX2006 sold separately (page 21)
- 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 all 3D Signal Formats
- Supports manual or dynamic EDID management
- HDCP 2.0 compatible
- Dimensions: 8.1" W x 1" H x 3.5" D

PACKAGE CONTENTS

- (1) EVSP1013 1x3 Splitter
- (1) IR Blasters (TX)
- (1) IR Receiver (RX)
- (1) 12V 2A DC Power Supply
- (1) Product Manual

U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EVSP1013	Pkgd



PoE Reciver
Part # EVRX2006



Wall Plate PoE Reciver
Part # EVWP2006RX

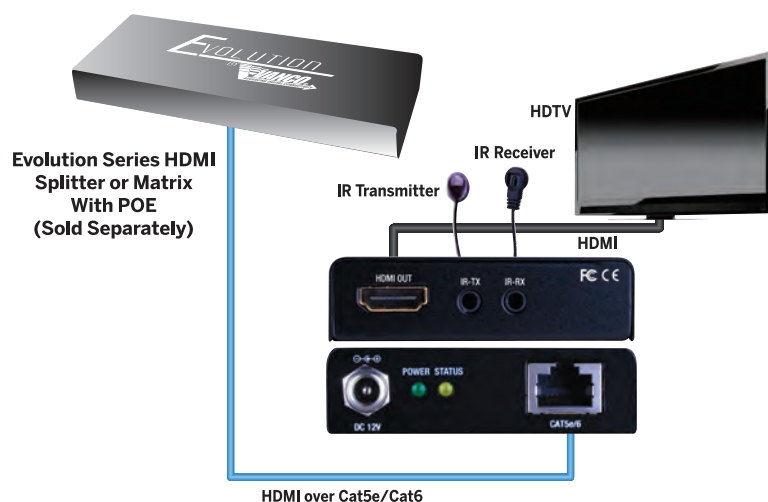
HDMI® POE RECEIVERS

- To be utilized with Evolution by Vanco matrix units or splitters that transmit HDMI signals over a single Cat5e/6 cable and feature Power over Ethernet (PoE) Technology
- Allows HDMI audio/video signals to be transmitted using a single Cat5e or Cat6 Cable
- 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
- Transmission Range: Extends HDMI transmission up to 164ft/50m from the HDMI source at Full HD 1080p 24-bit color and 3D
- Features Auto EDID and EQ Management
- Works with HDMI and HDCP compliant devices
- HDCP 2.0 compliant
- Pure uncompressed 7.1ch digital audio
- Supports DTS-HD and Dolby TrueHD high bit rate audio
- Dimensions: Receiver: 2.5" W x 3.1" H x 1" D
- Wall Plate Receiver: 2.6" W x 4.4" H x 1.25" D

PACKAGE CONTENTS

- (1) HDMI POE Receiver
- (1) IR TX
- (1) IR RX
- (1) Product Manual

PART NO.	PKG.
EVRX2006	Pkgd
EVWP2006RX	Pkgd



4K HDMI® SPLITTERS



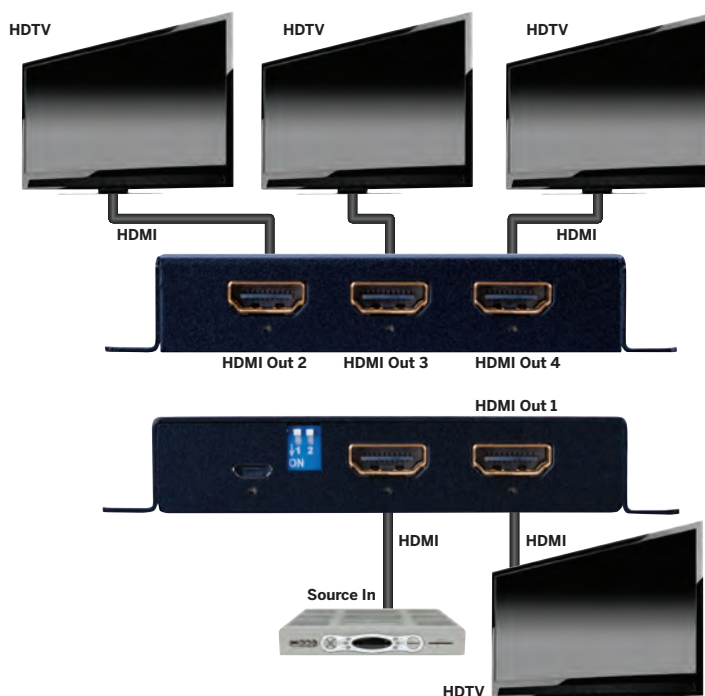
4K HDMI® 1X4 SPLITTER WITH EDID AND SCALING

- Transmits audio and video from a single source to 4 displays up to 4K (2160p) Ultra High Definition resolution without any loss of quality or resolution
- Supports 4K and 1080p resolutions simultaneously; downscales to 1080p for lower resolution displays while maintaining 4K on other outputs
- Supports up to 4K@60Hz with 8 bit YCBCR and 4:4:4 color sampling
- Supports up to 4K@60Hz with 10 bit YCBCR, 4:2:0 color sampling and HDR
- HDCP 2.2 and 1.4 compliant
- Wide frequency range: 25MHz~600MHz
- HDCP 1.4/2.2 compatible
- High bandwidth: 18Gbps
- Features EDID management
- Micro-USB connection for firmware updates for expanding compatibility
- Dimensions: 4.43" W x 3.43" H x 1.6" D

PACKAGE CONTENTS

- (1) EVSP14SC 1x4 Splitter
- (1) 5V 1A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVSP14SC	Pkgd





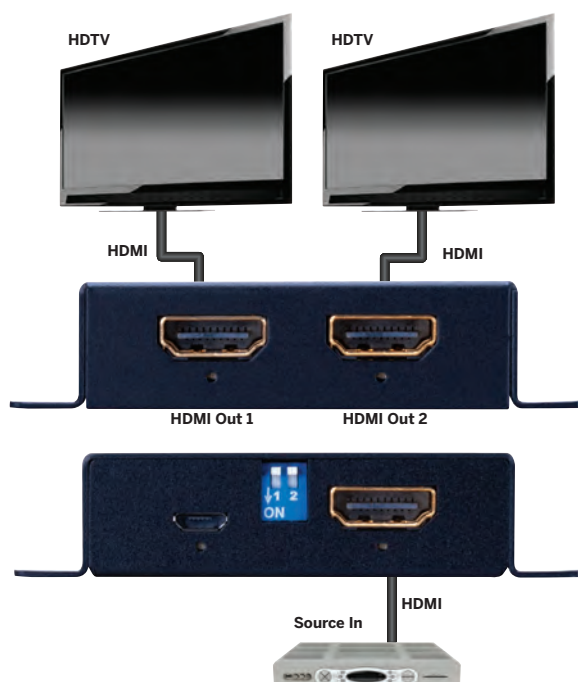
4K HDMI® 1X2 SPLITTER WITH EDID AND SCALING

- Transmits audio and video from a single source to 2 displays up to 4K (2160p) Ultra High Definition resolution without any loss of quality or resolution
- Supports 4K and 1080p resolutions simultaneously; downscales to 1080p for lower resolution displays while maintaining 4K on other outputs
- Supports up to 4K@60Hz with 8 bit YCBCR and 4:4:4 color sampling
- Supports up to 4K@60Hz with 10 bit YCBCR, 4:2:0 color sampling and HDR
- HDCP 2.2 and 1.4 compliant
- Wide frequency range: 25MHz~600MHz
- HDCP 1.4/2.2 compatible
- High bandwidth: 18Gbps
- Features EDID management
- Micro-USB connection for firmware updates for expanding compatibility
- Dimensions: 3.75" W x 2.25" H x 1.6" D

PACKAGE CONTENTS

- (1) EVSP14SC 1x2 Splitter
- (1) 5V 1A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVSP12SC	Pkgd



4K HDMI® SPLITTERS



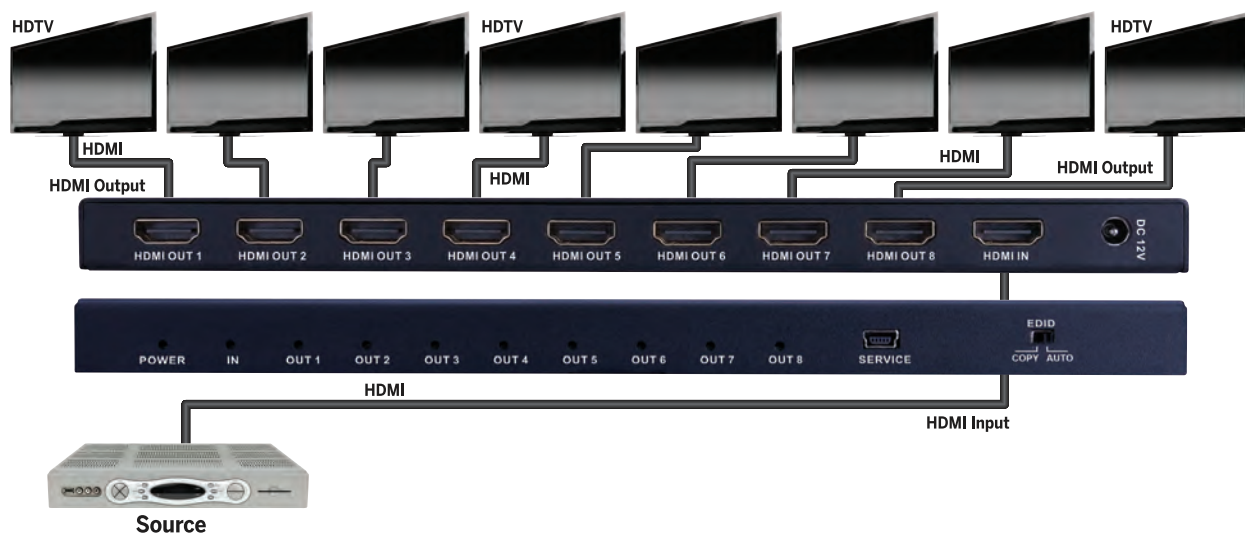
PREMIUM 4K HDMI® 1x8 SPLITTER

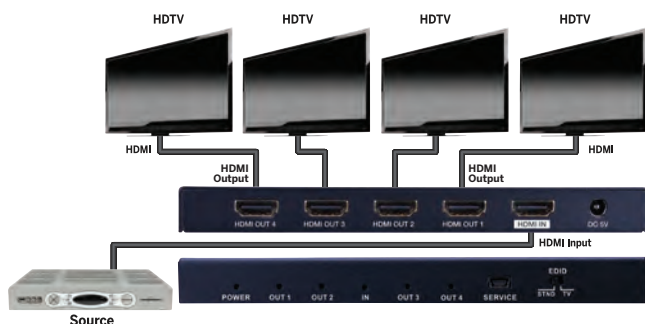
- Transmits audio and video from a single source to 8 HDMI outputs up to 4K2K (2160p) Ultra High Definition resolution without any loss of quality or resolution
- Supports video formats up to 4K2K@60Hz with 12bit YCBCR 4:4:4 and HDR
- 3D frame sequential video format up to 1080p@60
- Supports high-resolution VESA mode video format up to QSXGA 2560x2048@60Hz
- Compliant with HDCP 2.2 sources and backward compatible with older versions of HDCP
- Dynamic and Manual EDID management modes to ensure compatibility during installation
- High bandwidth: 18 Gbps
- Dimensions: 9.6" W x .6" H x 4.1" D

PACKAGE CONTENTS

- (1) EVSP4K18 1x8 Splitter
- (1) 12V 1A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVSP4K18	Pkgd





PACKAGE CONTENTS

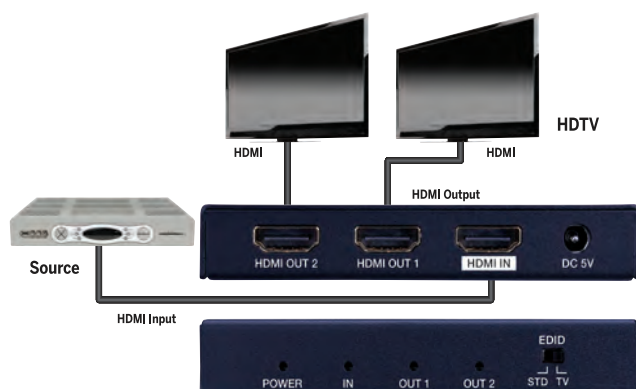
- (1) EVSP4K14 1x4 Splitter
- (4) Plastic Cushions
- (1) 5V 1A DC Power Supply
- (1) Mounting Ears and Screws
- (1) Product Manual

PART NO.	PKG.
EVSP4K14	Pkgd



PREMIUM 4K HDMI® 1x4 SPLITTER

- Transmits audio and video from a single source to 4 HDMI outputs up to 4K2K (2160p) Ultra High Definition resolution without any loss of quality or resolution
- Supports video formats up to 4K2K@60Hz with 12bit YCBCR 4:4:4 and HDR
- 3D frame sequential video format up to 1080p@60
- Supports high resolution VESA mode video format up to QSXGA 2560x2048@60Hz
- Compliant with HDCP 2.2 sources and backwards compatible with older versions of HDCP
- Dynamic and Manual EDID management modes to ensure compatibility during installation
- High bandwidth: 18 Gbps
- Dimensions: 6.4" W x .6" H x 2.5" D



PACKAGE CONTENTS

- (1) EVSP4K12 1x2 Splitter
- (1) 5V DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVSP4K12	Pkgd



PREMIUM 4K HDMI® 1x2 SPLITTER

- Transmits audio and video from a single source to 2 HDMI outputs up to 4K2K (2160p) Ultra High Definition resolution without any loss of quality or resolution
- Supports video formats up to 4K2K@60Hz with 12bit YCBCR 4:4:4 and HDR
- 3D frame sequential video format up to 1080p@60
- Supports high resolution VESA mode video format up to QSXGA 2560x2048@60Hz
- Compliant with HDCP 2.2 sources and backwards compatible with older versions of HDCP
- Dynamic and Manual EDID management modes to ensure compatibility during installation
- High bandwidth: 18 Gbps
- Dimensions: 4" W x .4" H x 2.3" D

SELECTOR SWITCHES



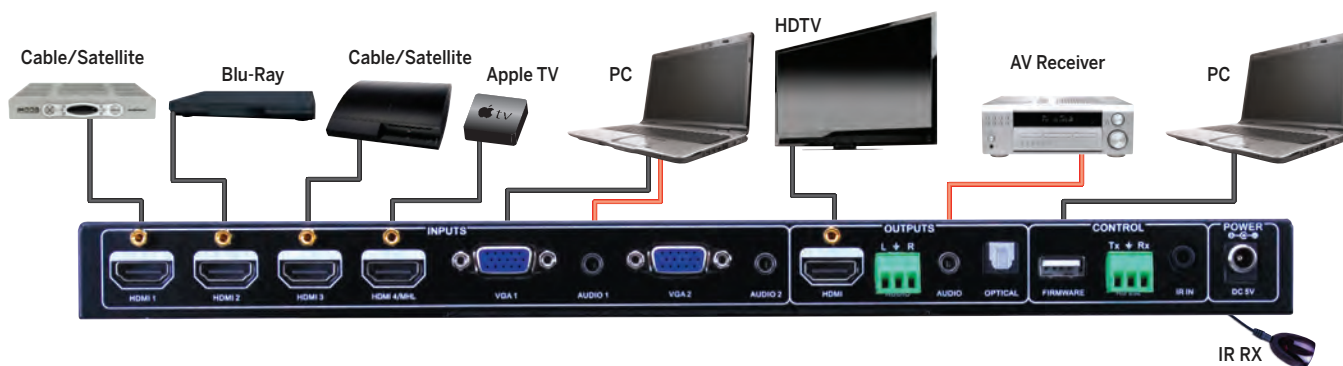
6X1 MULTI-FORMAT SCALER SWITCHER

- Compact 6x1 multi-format switcher with 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
- Scales to 6 different resolutions- VGA to HDMI output – Output resolutions selectable to assure preferred output. Supports various output resolutions- such as 1920x1200- 1920x1080- 1360x768- 1280x800- 1024x768- 1280x720
- Bypass HDMI feature provides comprehensive resolution capacities up to 4K & 1080p 3D
- Transmits 4K/UHD @ 30 HZ up to 50 ft. / 15m
- Supports RS232 and IR control
- Supports advanced EDID management
- Supports MHL 2.0- Maximum Resolution 1080p
- MHL auto detection- Supports device charging over MHL- maximum 5V 900mA
- HDCP 1.4 Compliant
- Two input switching modes: auto-switching or manual-switching
- Supports Audio and Video output management via Output Black button
- Features off memory for reliable operation – input and output mapping is automatically stored and recalled when the unit is powered on and off and in the event of a power outage
- Supports hot plug
- Dimensions: 13.7" W x 1.1" H x 4.3" D

PACKAGE CONTENTS

- (1) EVSW1061 6x1 Switcher
- (1) IR Receiver
- (1) IR Remote
- (2) 3-pin Pluggable Terminal Blocks
- (1) 5V 3A DC Power Supply
- (1) Mounting Hardware
- (1) Product Manual

PART NO.	PKG.
EVSW1061	Pkgd





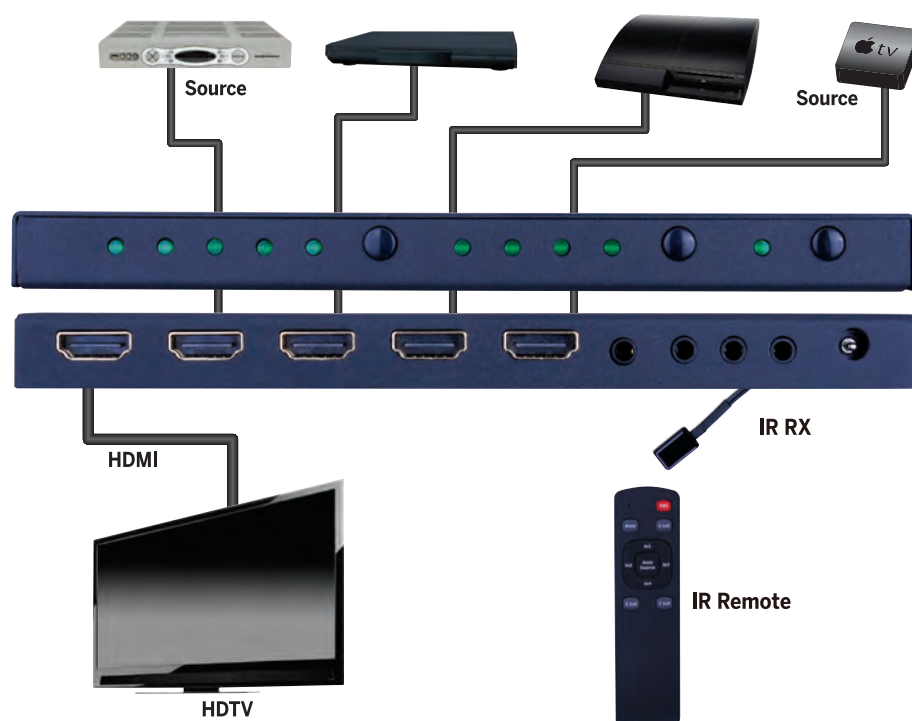
HDMI® 4K 4X1 SWITCH WITH ARC AND HDR

- Supports 4K2K (2160p @60Hz w/ 4:4:4 color sampling) Ultra High Definition Resolutions
- Supports HDR (High Dynamic Range)
- Features Audio EDID management which allows selection of preferred audio channel
- Supports auto switching or manual switching mode
- IR pass-through for source control with included IR accessories
- Controllable via RS-232 and/or IR
- Supports ARC (Audio Return Channel) and CEC (Consumer Electronic Control) functionality
- Supports PCM- Dolby TrueHD- and DTS-HD Master Audio up to 7.1 CH audio formats
- Digital and analog audio outputs for audio extraction
- HDCP 2.2 compliant
- Dimensions: 7" W x .5" H x 3.3" D

PACKAGE CONTENTS

- (1) EVSW1042 4x1 Switch
- (1) IR Receiver
- (4) IR Transmitters
- (1) 3.5mm Stereo (Male) to 4- 3.5mm Stereo (Female)
- (1) Optical convert adapter (for SPDIF audio output)
- (1) IR Remote
- (1) 5V 1A USB Power Adapter
- (1) 5V USB to DC Power Supply Cable
- (1) Product Manual

PART NO.	PKG.
EVSW1042	Pkgd



AUDIO EMBEDDER

AUDIO EMBEDDER



EVOSKILLZ AUDIO EMBEDDER SOURCE SENSING WITH EDID AND SCALING

- Automatically embeds audio from a secondary analog audio source onto an HDMI video signal
- Switches back to HDMI Input audio once analog audio signal is not present
- Adjustable gain for increased volume and stabilizing audio switching
- Supports 4K@60Hz, 4:4:4 chroma sampling with HDR10 and Dolby Vision video
- HDCP 2.2/1.4 compliant
- Supports CEC Bypass
- HDMI Passthrough of PCM, DTS, and Dolby audio formats
- USB port for power, firmware updates, and software setup
- Dimensions: 5" W x 2.6" H x 1" D

PACKAGE CONTENTS

- (1) EVOSKLZ1 Audio Embedder
- (1) 5V 3A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVOSKLZ1	Pkgd





- Features the latest HDBaseT Technology- optimized for whole-home or commercial distribution of highdefinition 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
- Features 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
- Virtually Lossless Compression retains high end audio and video quality
- 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
- HDR Compatible
- HDCP 2.2 compliant and backward compatible to previous versions
- CEC Support
- Slim and compact design
- Dimensions: 5.75" W x 4" H x 0.62" D

- (1) EVEXHDB2 Extender
- (1) IR Transmitter (IR TX)
- (1) IR Receiver (IR RX)
- (2) RS-232 Cables (3-pin to DB9)
- (1) 24V DC Power Supply
- (1) Mounting Hardware
- (1) Product Manual

The diagram illustrates a HDBaseT system setup for audio-visual distribution. At the top, a 'Source' device (a silver receiver) is connected via an 'HDMI' cable to a 'Transmitter' (labeled 'TX'). A 'TV Remote' is shown next to the Source. The Transmitter is connected to a 'Receiver' (labeled 'RX') via a blue 'Cat 5e/6' cable. The Receiver is connected to an 'HDTV' via an 'HDMI' cable. Both the Transmitter and Receiver have 'IR Receiver' and 'IR Transmitter' ports. The Transmitter also has a 'LINK' and 'HDCP' indicator. The Receiver also has a 'LINK' and 'HDCP' indicator. A 'Computer' is connected to the Receiver via a blue 'Cat 5e/6' cable. The Transmitter and Receiver are both labeled 'RS232 MODE' and 'CTRL/UPDATE'.

HDBASET™ EXTENDERS



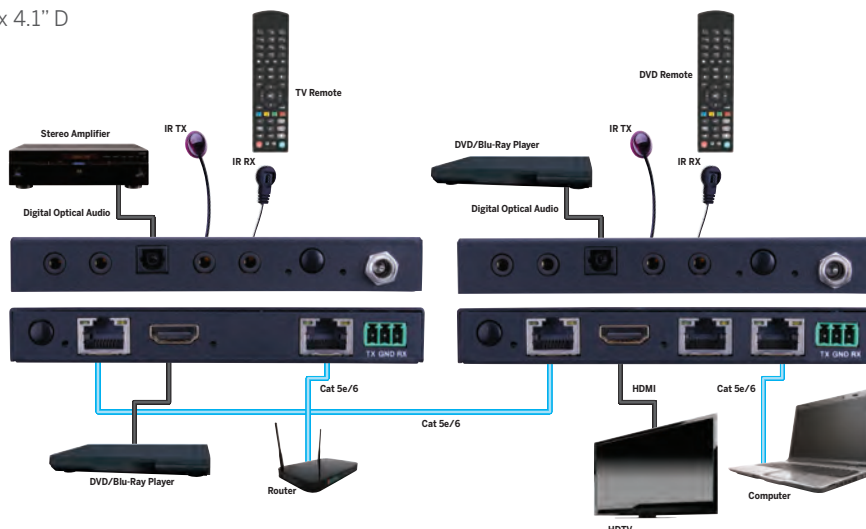
HDBASET™ 2.0 4K EXTENDER WITH ARC AND DIGITAL/ANALOG AUDIO BREAKOUTS

- Features HDBaseT™ 2.0 technology- optimized for whole-home or commercial distribution of uncompressed high-definition signals at more than twice the distance of HDMI cables without degradation
- Capable of sending and receiving resolutions of up to 4K2K@60Hz with YCbCr 4:2:0 up to 330ft/100m using shielded Cat6 Cable or 230ft/70m using unshielded Cat5e Cable
- Allows audio- video- power- control and Ethernet to be sent over a single category cable up to 328ft/100m
- Supports PoC (Power Over Cable) function allowing either the TX or RX to power the opposite side when using the provided 24v power supply
- Supports resolutions up to 4K@60Hz with 4:2:0 color sampling
- Supports HDBaseT Long Reach (LR) mode to allow 1080p to be transmitted and received up to 492ft/150m
- ARC functionality allows audio to be received from the HDMI port on the receiver unit to be sent to an amplifier via the optical audio breakout on the transmitter unit
- Features Digital or Analog audio breakouts for audio extraction
- Supports pass-through of HD audio formats: LPCM2/5.1/7.1 CH- Dolby Digital- DTS- Dolby TrueHD- DTS-HD Master Audio and more
- RS-232 pass through with phoenix connector included
- HDCP 2.2 and DVI 1.0 compatible
- Wideband bi-directional IR with 38KHz-56KHz frequency range
- Dimensions: 5" W x .7" H x 4.1" D

PACKAGE CONTENTS

- (1) EVEXHDARC Extender
- (1) IR Blaster (TX)
- (1) IR Receiver (RX)
- (1) 24V 1A DC Power Supply
- (1) Phoenix Connector
- (1) Product Manual

PART NO.	PKG.
EVEXHDARC	Pkgd





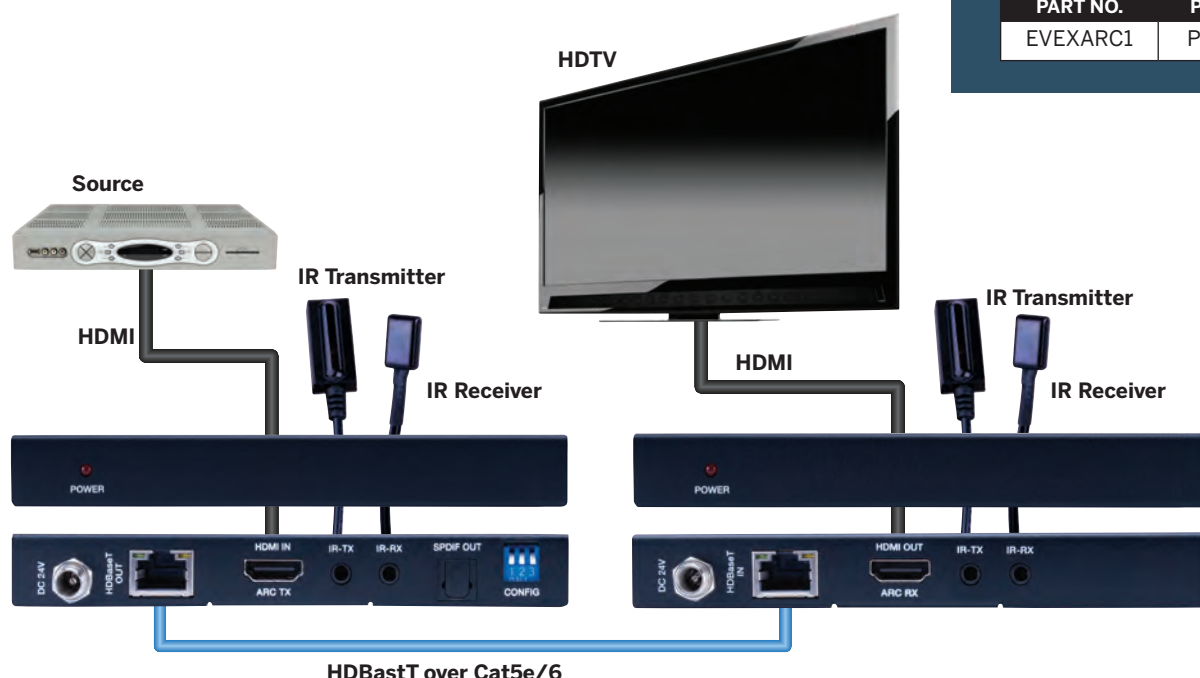
HDBASET™ EXTENDER WITH ARC AND DIGITAL AUDIO BREAKOUTS

- Features the latest HDBaseT Technology – optimized for whole-home or commercial distribution of high definition signals at much greater distances of standard HDMI cables
- ARC functionality allows audio to be received from the HDMI port on the receiver unit to be sent to an amplifier via the optical audio breakout on the transmitter unit
- SPDIF digital audio breakout for any source components without ARC
- Transmission Range: Extends 1080p@60Hz up to 164ft/50m over a single Cat5e/6 cable
- Features bi-directional Power over Cable (PoC) which transmits power over Cat5e/6, allowing for either the transmitter or receiver to be powered without the use of a power supply
- Bi-directional IR pass-through for source and/or display control
- Supports PCM, Dolby True HD, and DTS-master formats
- Dimensions: 5.5"W x 2.6" H x 0.7" D

PACKAGE CONTENTS

- (1) EVEXARC1 Extender
- (1) IR Blaster (TX)
- (1) IR Receiver (RX)
- (1) 12V DC Locking Power Supply
- (1) Product Manual

PART NO.	PKG.
EVEXARC1	Pkgd



HDBASET™ EXTENDERS



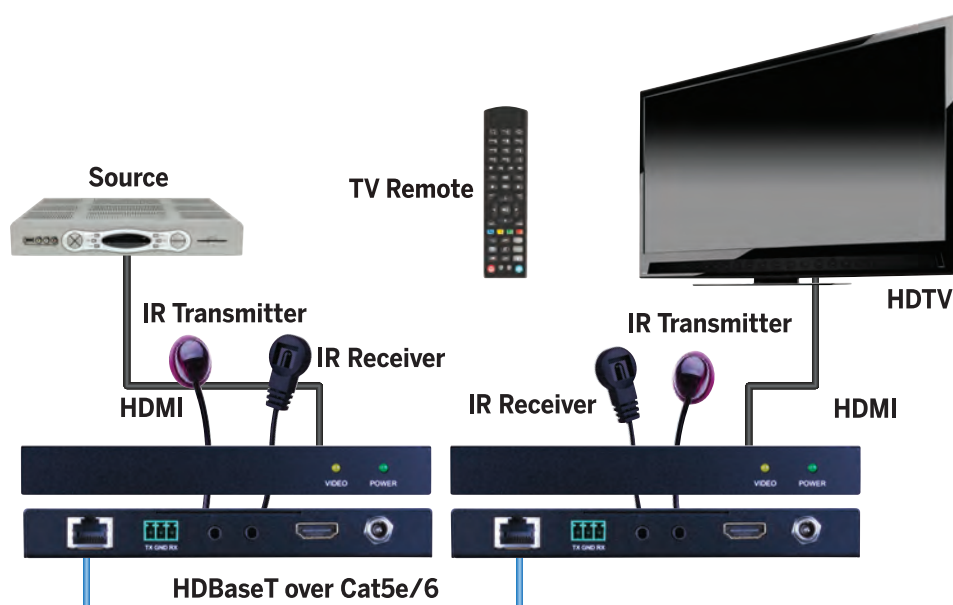
HDBASET™ 4K@60HZ, 4:4:4 CHROMA, HDR EXTENDER (164FT/50M)

- 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 164ft/50m over a single Cat5e/6 cable and 1080p@60Hz up to 230ft/70m
- Features 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
- Virtually Lossless Compression retains high end audio and video quality
- 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
- Slim and compact design
- Dimensions: 5.75" W x 3.7" H x 0.7" D

PACKAGE CONTENTS

- (1) EVEX4K50 Extender
- (1) IR Transmitter (IR TX)
- (1) IR Receiver (IR RX)
- (2) RS-232 Cables (3-pin to DB9)
- (1) 12V DC Power Supply
- (1) Mounting Hardware
- (1) Product Manual

PART NO.	PKG.
EVEX4K50	Pkgd





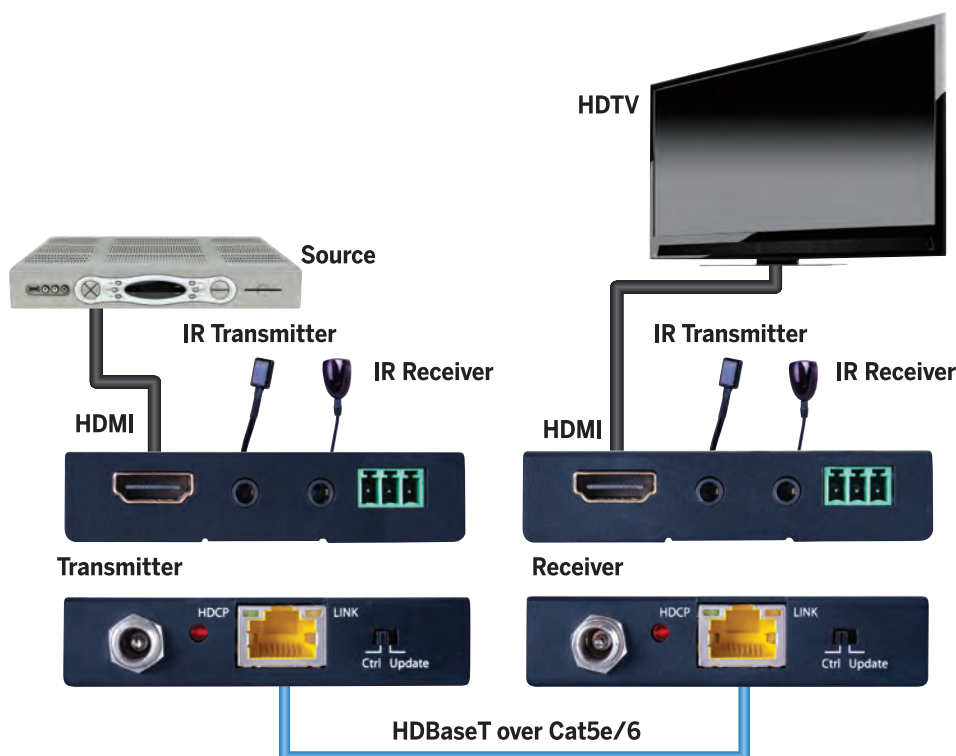
HDBASET™ EXTENDER WITH POC

- 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
- High Bandwidth: 10.2Gp
- HDCP 2.2 compliant
- CEC Support
- Slim and compact design
- Dimensions: 2.9" W x .7" H x 4.7" D

PACKAGE CONTENTS

- (1) EVEXHDB1 Extender
- (1) IR Blaster (TX)
- (1) IR Receiver (RX)
- (1) 12V DC In Line Power Supply
- (1) Mounting Hardware
- (1) Product Manual

PART NO.	PKG.
EVEXHDB1	Pkgd



HDBASET™ EXTENDERS



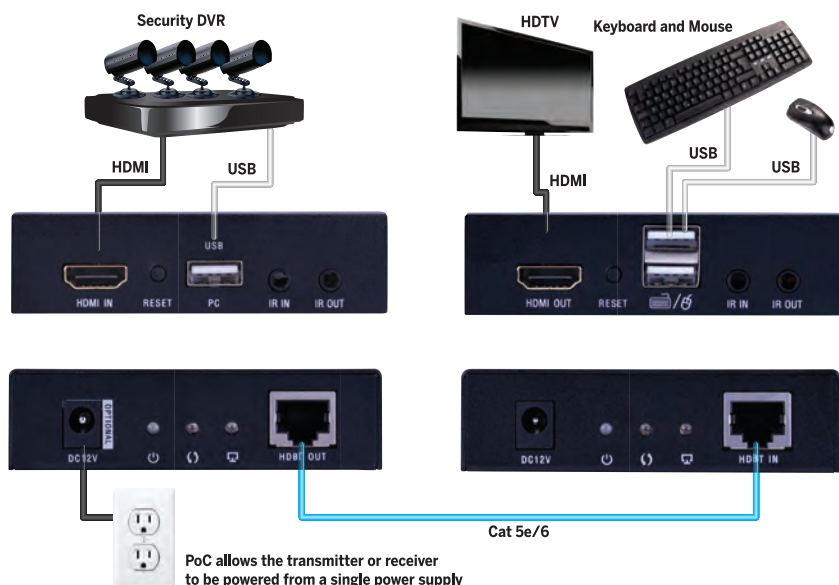
HDBASET™ 4K EXTENDER WITH KVM (KEYBOARD, VIDEO, MOUSE)

- 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 (opposite of unit that is plugged in to power)
- Auto EDID management automatically adjusts to overcome compatibility issues
- Auto EQ distance for perfect transmission and reception of HDMI signals
- Supports up to 3840 x 2160 @ 60Hz resolutions
- HDR10 Compatible
- Supports LPCM, DTS and Dolby Digital Audio Formats
- Transmission Range: Extends 4K HDMI signals up to 230ft/70m over a single Cat5e or Cat6 cable
- Extends USB 2.0 high speed at 480Mbps to 230ft/70m
- RX unit provides 2 USB 2.0 high speed ports at display end
- TX unit provides a single USB port for connection to computers and other devices
- USB ports allow for charging of connected USB devices (please use properly certified and licensed cabling with utilizing the charging feature)
- 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
- Dimensions: 4.1" W x .8" H x 3.4" D

PACKAGE CONTENTS

- (1) EVEXKVM2 Extender
- (2) IR Transmitters (IR TX)
- (2) IR Receivers (IR RX)
- (1) USB Cable (Type A)
- (1) 12V 2A DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EVEXKVM2	Pkgd





ULTRA SLIM 4K HDMI® EXTENDER WITH POE

- Allows HDMI audio/video signals to be transmitted using a single Cat5e or Cat6 Cable
- 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
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/Cat6
- Wideband Bi-directional IR system allowing for control of source or display
- Wideband IR signal from 20KHz to 60KHz
- Features Auto EDID and EQ Management
- HDR10 Compatible and HDCP 2.2 compliant
- Pure uncompressed 7.1ch digital audio
- Supports DTS-HD and Dolby TrueHD high bit rate audio
- Dimensions: 2.7" W x .7" H x 3.25" D



PACKAGE CONTENTS

- (1) EV4K2006 Extender
- (2) IR Blasters (TX)
- (2) IR Recivers (RX)
- (1) 12V DC In Line Power Supply
- (1) Product Manual

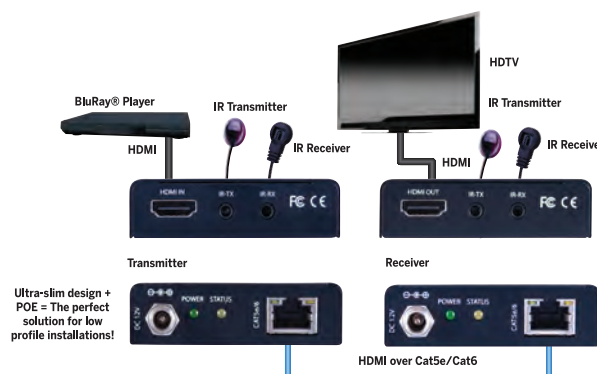
U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EV4K2006	Pkgd



ULTRA SLIM HDMI® EXTENDER WITH POE

- Allows HDMI audio/video signals to be transmitted using a single Cat5e or Cat6 Cable
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/Cat6
- Wide band Bi-directional IR system allowing for control of source or display (IR accessories included)
- Wideband IR signal from 20KHz to 60KHz
- Transmission Range: Extends HDMI transmission up to 50m (164ft) from the HDMI source at Full HD 1080p 24-bit color and 3D
- Features Auto EDID and EQ Management
- Works with HDMI and HDCP compliant devices
- HDCP 2.0 compliant
- Pure uncompressed 7.1ch digital audio
- Supports DTS-HD and Dolby TrueHD high bit rate audio
- Dimensions: 2.7" W x .7" H x 3.25" D



PACKAGE CONTENTS

- (1) EVEX2006 Extender
- (2) IR Blasters (TX)
- (2) IR Receivers (RX)
- (1) 12V DC In Line Power Supply
- (1) Product Manual

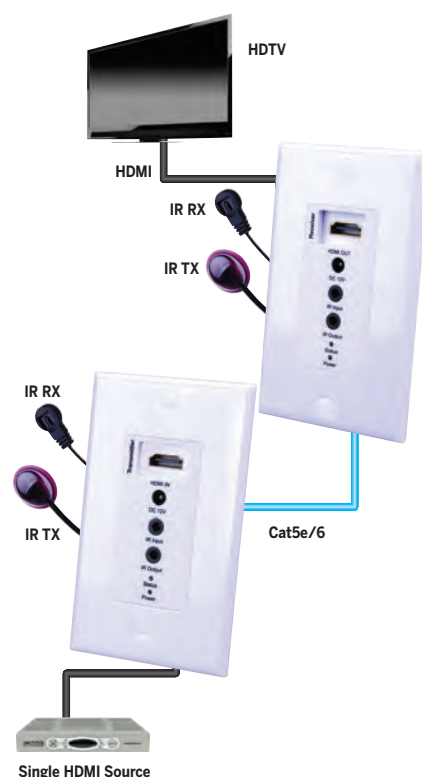
U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EVEX2006	Pkgd

HDMI® EXTENDERS

HDMI® WALL PLATE EXTENDER WITH POE

- Transmits HDMI video- audio- control and power through single CAT5e/6 cable
- Features Power over Ethernet (PoE) Technology which transmits power over Cat5e/ Cat6- allowing the transmitter or receiver to be powered off of a single power supply
- Fits easily into a single gang low-voltage box and allows for power to be supplied on either the transmitter or receiver for a flexible installation
- Transmission Range: 164ft/50m at resolutions 1080p @ 60Hz and 262ft/80 m at 1080p through single Cat5e/Cat6 cable
- Features Auto EDID and EQ Management for plug and play installation
- Supports bi-directional IR 20-60KHz (RX->TX and TX->RX)
- Supports audio formats- Dolby True HD- DTS-master- etc.
- Supports all 3D Formats
- Supports EDID call back
- Supports CEC pass through
- VESA DDC and hot swap technology
- HDCP Compliant
- Compatible with DVI 1.0
- Allows cascading to create a larger distribution system
- Dimensions: 2.6" W x 4.4" H x 1.25" D



PACKAGE CONTENTS

- (1) EVWP2006 Extender
- (2) IR Blasters (TX)
- (1) IR Receiver (RX)
- (1) 12V DC In Line Power Supply
- (1) Product Manual

U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EVWP2006	Pkgd



CUSTOM HDMI® EXTENDERS WITH POE

- Transmits HDMI video- audio- control and power through single Cat5e or Cat6 cable
- Mix and Match Transmitters with POE Receivers to create a customer extender set
- 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
- Features Auto EDID and EQ Management for plug and play installation
- Wide band Bi-directional IR system allowing for control of source or display (IR accessories included)
- Wide band IR signal from 20kHz to 60kHz
- Transmission Range: Extends HDMI transmission up to 50m (164ft) from the HDMI source at Full HD 1080p 24-bit color and 3D
- Works with HDMI and HDCP compliant devices
- Pure uncompressed 7.1ch digital audio
- Supports DTS-HD and Dolby TrueHD high bit rate audio
- Supports EDID call back and CEC pass through
- VESA DDC and hot swap technology
- Allows cascading to create a larger distribution system
- Fully compatible with any Evolution by Vanco product
- Metal Housing Dimensions: 2.7" W x .7" H x 3.25" D
- Wall Plates fit easily into a single gang low-voltage box
- Transmission Distance: 51 – 164 ft.

PACKAGE CONTENTS

Receivers Include:

- (1) Receiving Unit
- (1) IR TX and RX Set

Transmitters Include:

- (1) Transmitting Unit
- (1) IR TX and RX Set
- (1) 12V DC Power Supply

U.S. Patent No. 9,710,038 B1



PoE Transmitter
Part # EVTX2006



PoE Receiver
Part # EVRX2006



Wall Plate Transmitter
Part # EVWP2006TX



Wall Plate Receiver
Part # EVWP2006RX

HDMI® EXTENDERS



HDMI® EXTENDER WITH POE AND KVM (KEYBOARD, VIDEO, MOUSE)

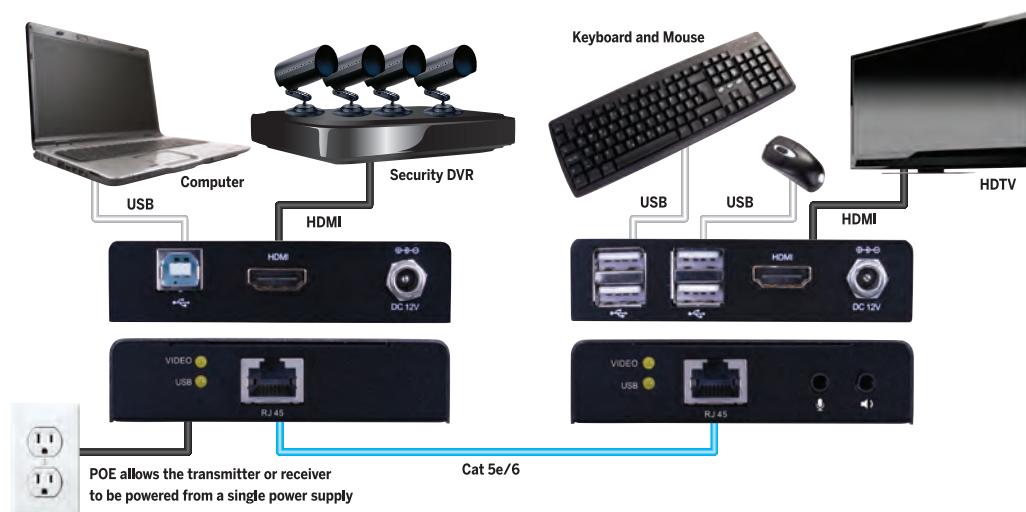
- Transmits audio and video via HDMI as well as complete KVM (Keyboard-Video- Mouse) functionality via USB 2.0 ports over a single Cat5e/6 up to 164ft/50m with POE.
- Power Over Ethernet (PoE)- integrates power into the Cat5e/6 cable- requiring no power supply for either the Transmitting unit or Receiving unit (opposite of unit that is plugged in to power)
- Auto EDID management automatically adjusts to overcome compatibility issues
- Auto EQ distance for perfect transmission and reception of HDMI signals
- Supports up to 1920x1080 @ 60Hz resolutions
- Transmission Range: Extends HDMI signals up to 164ft/50m over a single Cat5e or Cat6 cable
- Extends USB 2.0 high speed at 480Mbps to 164ft/50m
- RX unit provides 4 USB 2.0 high speed ports at display end
- USB ports allow for charging of connected USB devices (please use properly certified and licensed cabling with utilizing the charging feature)
- RX integrated with Hi-Fi USB audio card- supports analog passive earphone and microphone access
- VESA DDC and hot swap technology (HPD)
- Compatible HDMI 1.3/DVI 1.0
- HDCP 1.4
- Dimensions: 3.25" W x .8" H x 3.6" D

PACKAGE CONTENTS

- (1) EVEXKVM1 Extender
- (1) USB Type A to Type B cable
- (1) 12V 2A DC Power Supply
- (1) Product Manual

U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EVEXKVM1	Pkgd



HDMI® AND VGA EXTENDER



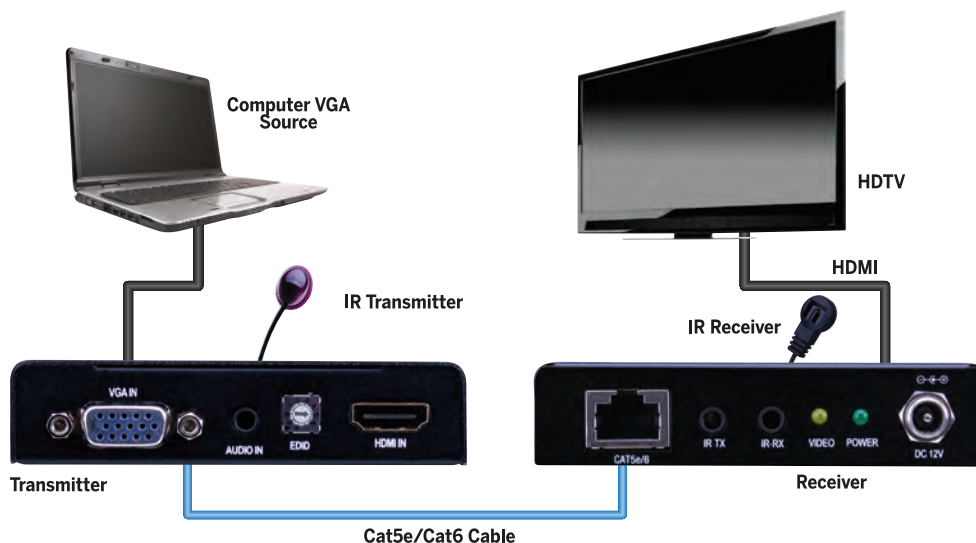
PACKAGE CONTENTS

- (1) EVEXVGAHD Extender
- (2) IR TX
- (2) IR RX
- (1) 12V 1A DC Power Supply
- (1) Product Manual

U.S. Patent No. 9,710,038 B1

PART NO.	PKG.
EVEXVGAHD	Pkgd

- Allows HDMI or VGA with Audio + bi-direction IR and POE to be transmitted up to 164 ft/50m over a single Cat5e/Cat6 Cable
- 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
- Transmitter can automatically select HDMI or VGA as main live video input- and the receiver supports output video by both HDMI and VGA port at the same time
- Transmission Range: 164ft/50m at 1080p 3D or 1920x1200 60fps- 270ft/80m at 1080i/720p
- HDMI port supports Dolby True HD- DTS-master- etc.
- HDMI port supports 3D signals (all 7 formats)- such as Frame Packing- Side-by-Side- Top-to-Bottom- etc.
- Supports EDID call back as well as manual EDID management
- Supports CEC pass through
- Bi-directional Wide Band IR (20-60KHz)
- Priority to VGA input and dual VGA/HDMI output
- Analog stereo audio extender input and output
- HDCP 2.0 compatible
- Compatible DVI 1.0
- Supports cascade to enhance extending distance
- Dimensions: 3.7" W x .8" H x 3.5" D



HDMI® EXTENDERS



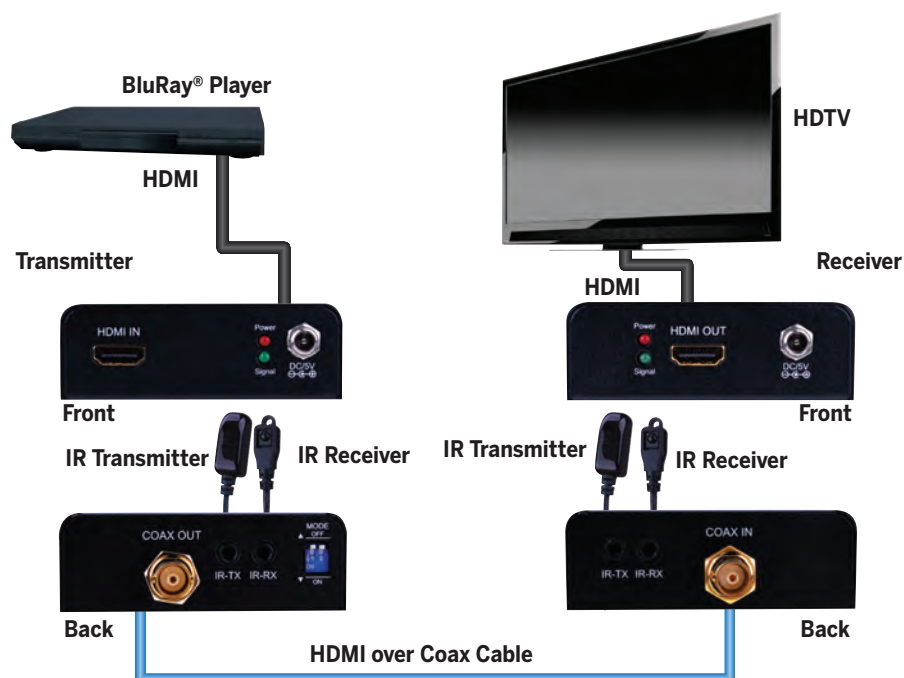
HDMI® EXTENDER OVER SINGLE COAX EXTENDER

- Allows HDMI audio/video signals to be transmitted using a single coaxial cable
- Wide band Bi-directional IR system (20KHz to 60KHz) allowing 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
- Works with HDMI and HDCP compliant devices
- Supports up to 1080p/60 High Definition resolution
- Supports video resolutions 480i- 576i- 720p- 1080i- and 1080p
- 7.1-channel audio supported; Supports DTS-HD and Dolby TrueHD high bit rate audio
- EDID manual select control – Supports Copy EDID
- Compact and wall mounting housing design for easy and robust installation
- Fully compatible with any Evolution by Vanco product
- Dimensions: 3.35" W x 1.1" H x 3.19" D

PACKAGE CONTENTS

- (1) EVEX2004 Extender
- (1) IR Blaster (TX)
- (1) IR Receiver (RX)
- (2) DC 5V DC Power Supplies
- (1) Mounting Hardware
- (1) Product Manual

PART NO.	PKG.
EVEX2004	Pkgd



THREE ZONE SIX SOURCE
IR KIT

- Allows for the Transmission of IR Signals from up to 3 IR receivers to 6 dual emitters
- IR Receiver works in most lighting environments, including CFL
- Kit includes (1) Connecting Block, (1) Mini IR Receiver, (2) Dual IR Emitters and (1) 12V DC Power Supply
- A total of 6 IR dual emitters can be supported for up to 12 sources
- IR Receiver Frequency Range: 34 kHz to 60 kHz, RC-MM codes
- IR Emitter Frequency Range: 38 kHz to 56 kHz
- Range: Receiving distance – 25ft; Emitting distance – 4-8in
- Power Consumption: 12VDC, 30mA max
- Connecting Block Dimensions: 2.8" W x .90" H x 1.8" D



PACKAGE CONTENTS

- (1) Connecting Block
- (1) Mini IR Receiver
- (2) Dual IR Emitter Pigtail
- (1) 12V DC Power Supply
- (1) Product Manual

PART NO.	PKG.
EV-IRKIT6	Pkgd

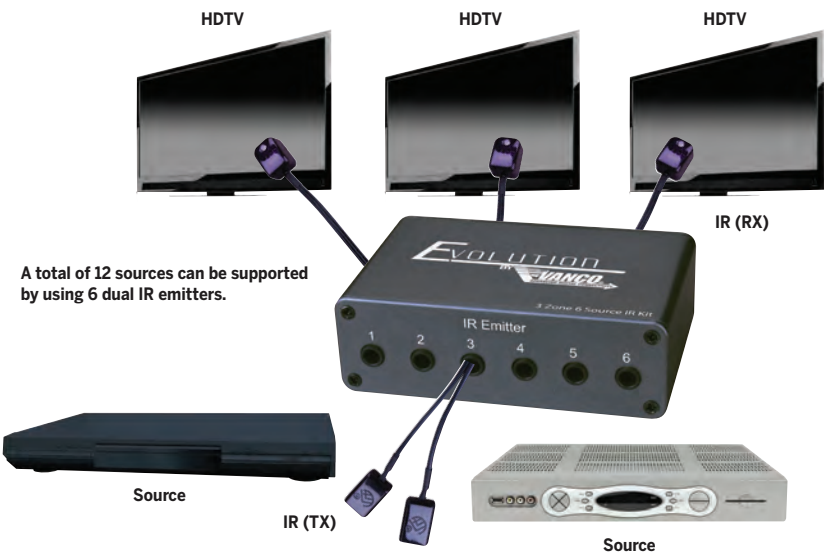
OPTIONAL
ACCESSORIES

(1) IR Transmitter

PART NO.	PKG.
EV-IRKTTX	Pkgd

(1) IR Receiver

PART NO.	PKG.
EV-IRKTRX	Pkgd





PACKAGE CONTENTS

- (1) EVIRTEST Signal Analyzer
- (1) IR Receiver
- (1) 3.5mm Stereo cable
- (1) Product Manual

PART NO.	PKG.
EVIRTEST	Pkgd

IR SIGNAL ANALYZER

- 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 an installation area
- Pinpoints IR Signal Voltage measurement
- Provides IR-RX Pinout (Power- Ground- Signal) Ideal for mixed IR applications
- Dimensions: 3" W x 4.75" H x 1" D



PACKAGE CONTENTS

- (1) EV-35MST Connector

PART NO.	PKG.
EV-35MST	Pkgd

IR INTEGRATION CONNECTOR

- Seamlessly integrate IR from Vanco Evolution products with third party control systems and other IR products
- Simply connect the 3.5mm mono end into the IR transmitting port (TX) of a control system or other IR product and have the 3.5 mm stereo end inserted into the IR receiving port (RX) of the Vanco product
- Provides a cleaner, faster installation. Eliminates the need to cut and splice wires or tape emitters and receivers together
- 3.5mm Mono Female to 3.5mm Stereo Male IR Adapter



HDMI® EDID SYNC RECORDER

- Able to read- copy- emulate and pre-set EDID information to encourage the "handshake" between a source and display
- HDCP 1.1 compliant
- Supports HDMI Deep Color & 3D / DVI 1.1 compliant
- Able to read and store the EDID of displays (monitors or projectors)
- Able to overwrite set EDID into the EDID Reader/Writer/Re-timer or to HDMI displays
- Built-in default EDID
- Maintains HDMI/DVI video resolution
- Prevents PC from deactivating inactive HDMI/DVI ports
- Re-generates EDID content
- Re-synthesizes input HDMI stream and maintains or improves signal integrity
- Controllable by PC/Laptop via USB with included software
- Dimensions: 3.14" W x 1.1" H x 3.58" D

PACKAGE CONTENTS

- (1) EVRC5002 Recorder
- (1) 5V DC In Line Power Supply
- (1) Rack-Mounting Ear Set
- (1) Installation Software CD
- (1) Product Manual

PART NO.	PKG.
EVRC5002	Pkgd

ADDITIONAL IR ACCESSORIES

- Additional IR RX and IR TX



IR TX
Part # EV-IRTX



IR RX
Part # EV-IRRX

PART NUMBER INDEX

PART NUMBER INDEX

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HDMI® Product Compatibility: All Vanco HDMI Matrix Switchers and HDMI Splitters and Extenders are HDCP Compatible. First, You must verify your source and destination devices support HDCP encryption. HDCP compliant devices will only transmit to or receive from other devices with HDCP coding. Second, Achieving Full 1080P Resolution with HDMI Matrix Switchers and HDMI Splitters and Extenders is dependant upon the compatibility of all your source and destination devices (source, splitter/switcher, monitors, etc.). For questions regarding compatibility issues please see your product manual or call 800.626.6445.

Product Availability: Vanco International, LLC reserves the right to add or modify product availability without notice or cause.

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