

# DAC-04 192KHZ DIGITAL TO ANALOG AUDIO CONVERTER

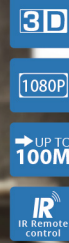


- One Toslink and one Coaxial input interface. Connect to DVD, HD player and other devices.
- One RCA output interface. Connect to the audio amplification device with RCA interface.
- One 3.5mm audio output interface. Connect to your headphone.
- Eliminates the noise when no input signal and automatically mute when input non-audio signal.
- Actually supports sampling rate at 192kHz 24bit.
- Supports volume adjustment.
- Aluminum Metal case, lightweight and compact. Good anti-interference function makes the sound pure and clear.

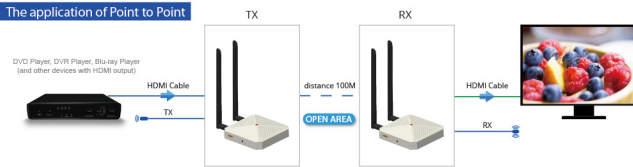
# HM-W01 | Wireless HDMI with 100M



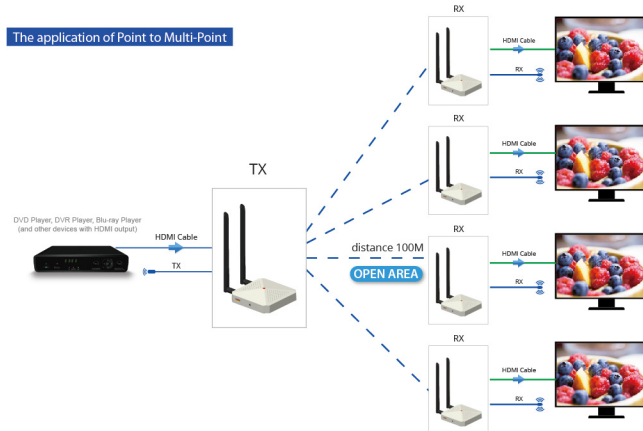
HDMI®  
HIGH DEFINITION MULTIMEDIA INTERFACE



### The application of Point to Point



### The application of Point to Multi-Point



- Supports HDMI video and audio signals transmitted through WIFI wireless up to 50 meters
- Supports HD video signal resolution up to 1920 \* 1080P @ 60Hz
- Compatible with HDMI 1.3
- Support remote control and switch video source
- Dedicated format to encode and decode video signal, effectively improve the transmission efficiency, to ensure the playback function smoothly.
- HDCP 1.2 compliant - High bandwidth digital content protection technology
- Support external remote infrared expansion, easy to control remote devices
- Automatic identification and configuration of various display modes
- Built-in automatic balance system, supports picture smooth, clear and stable
- Built-in ESD electrostatic protection circuit, all-round protection system security
- Installation is simple and convenient, plug and play, no need to setup

# HM-W02 | Wireless HDMI with 300M



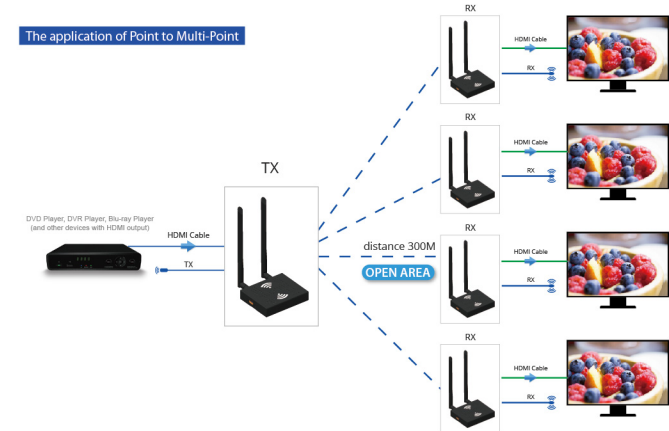
HDMI®  
HIGH DEFINITION MULTIMEDIA INTERFACE



### The application of Point to Point



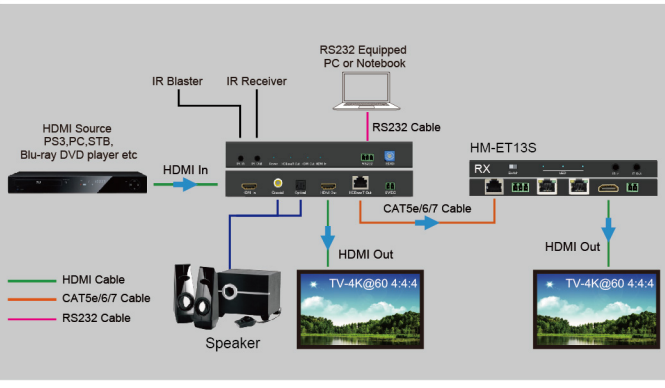
### The application of Point to Multi-Point



- Supports HDMI video and audio signals transmitted through WIFI wireless up to 50 meters
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- Automatic identification and configuration of various display modes
- Built-in automatic balance system, supports picture smooth, clear and stable
- Built-in ESD electrostatic protection circuit, all-round protection system security
- Installation is simple and convenient, plug and play, no need to setup



# HDMI 2.0 4K@60HZ HDBASET SPLITTER

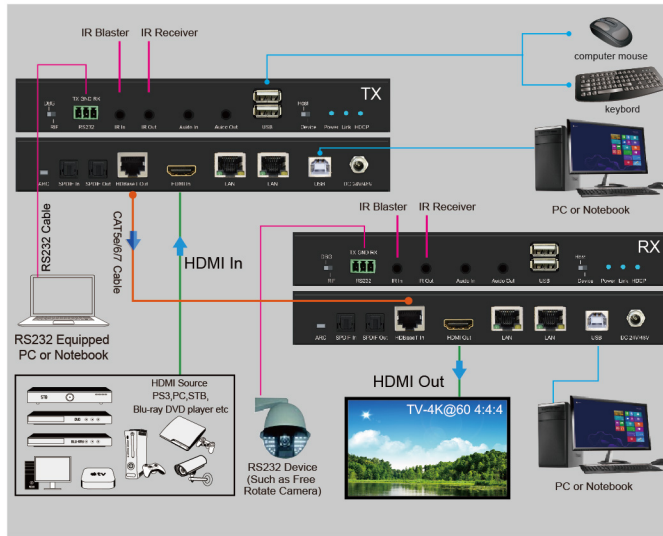
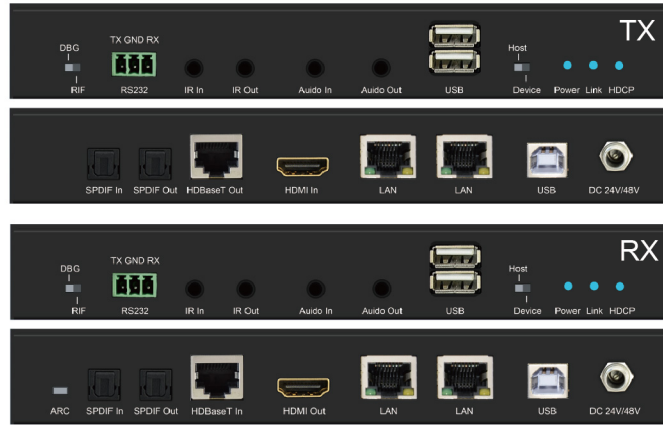


HB-102A HB-104A HB-108A is a highquality, longreach 4K@60Hz (4:4:4) HDBaset distributor that takes one longreach HDBaset input, equalizes and reclocks the signal and distributes it to two identical HDBaset outputs. The VM2DT distributes native longreach HDBaset signals with up to 4K video resolution, along with their reextension over longreach HDBaset to feature an integrated extender distributor product

- Resolution — Up to 4K (4:4:4) 30bpp
- Data rate — Auto-adapting, up to 12Gbps
- Input Reach — Up to 80m (260ft) at 12Gbps
- Compliance — SMPTE standards
- Lockable connections
- Size — Pico TOOLS™ — Mount 4 units side-by-side in a 1U rack space with the optional RK-4PT rack adapter.
- Audio — E

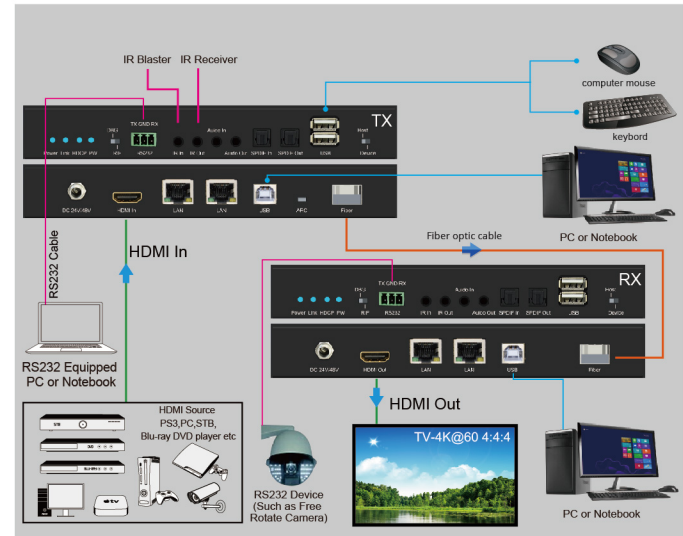
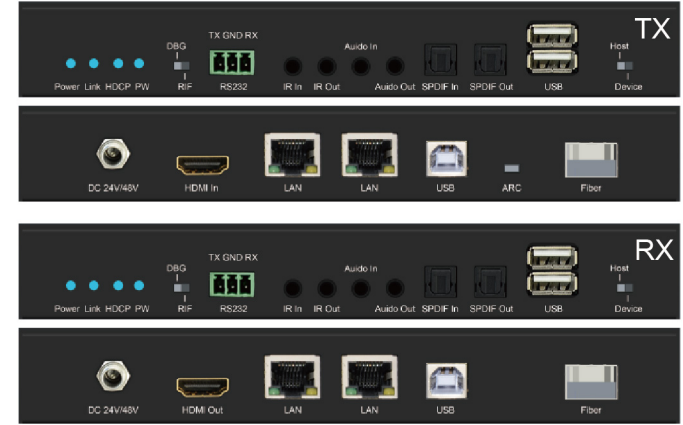
Model	Description
HB-102A	1X2 4K60HZ HDMI 2.0 HDBaset SPLITTER
HB-104A	1X4 4K60HZ HDMI 2.0 HDBaset SPLITTER
HB-108A	1X8 4K60HZ HDMI 2.0 HDBaset SPLITTER

# HM-ET05A HDMI2.0 HDBASET 100M BY CAT5E/6 CABLE EXTENDER WITH KVM



- Supports the HDBaset 2.0 specification over a single Cat.6/7 cable up to 100m/328ft and Cat.5e cable up to 90m/295ft
- HDBaset 5Play™ convergence: High-Definition (HD) Video and Audio, 100BaseT Ethernet, 48V PoH or 24V POC, and Control (Bi-directional IR/ RS-232 pass-through)
- Receiver (PD) is powered by 48V PoH from the transmitter (PSE)
- HDMI with 3D & 4K@60Hz (YUV 4:2:0) support, DVI 1.0 compatible
- HDCP 2.2 compliant
- Supports pass-through of HD audio formats: LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- Supports optical audio sampling rates up to 48kHz
- Supports external analog and digital audio extension including support for ARC (Audio Return Channel)
- Supports RS-232 baud rates from 110~115200bps
- Supports Bi-directional USB

# HM-ET05B HDMI2.0 HDBASET 20KM EXTENDER BY OPTICAL WITH KVM



- Supports the HDBaset 2.0 specification over a single Cat.6/7 cable up to 20Km/328ft and Cat.5e cable up to 90m/295ft
- HDBaset 5Play™ convergence: High-Definition (HD) Video and Audio, 100BaseT Ethernet, 48V PoH or 24V POC, and Control (Bi-directional IR/ RS-232 pass-through)
- Receiver (PD) is powered by 48V PoH from the transmitter (PSE)
- HDMI with 3D & 4K@60Hz (YUV 4:2:0) support, DVI 1.0 compatible
- HDCP 2.2 compliant
- Supports pass-through of HD audio formats: LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- Supports optical audio sampling rates up to 48kHz
- Supports external analog and digital audio extension including support for ARC (Audio Return Channel)
- Supports RS-232 baud rates from 110~115200bps
- Supports Bi-directional USB

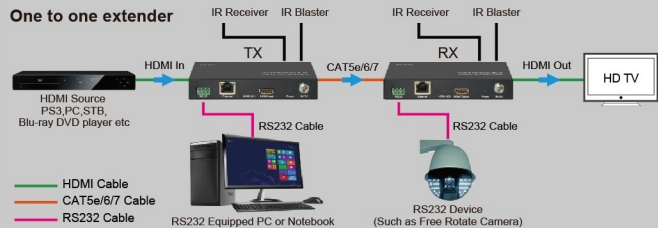
# HDMI OVER IP EXTENDER

## HM-ET07

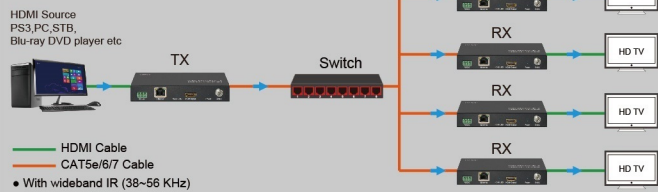
### HDMI OVER IP EXTENDER BY NETWORKING (RS232)



#### One to one extender



#### One to many extender & Splitter



- Transmit HDMI signal over network cable
- Extend HDMI signal over a single CAT6 up to 100m
- Up to 1920x1080 resolutions
- Better compatibility with HDMI source devices, display devices and network cables
- Compatible with existing internet
- Support 7x24 hours of continuous work
- Functional as extender & splitter
- Support various kinds of video signal input

## HM-ET08

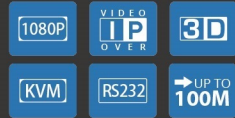
### HDMI OVER IP EXTENDER BY OPTICAL CABLE (RS232)



- 
- Transmit HDMI signal over Optical cable
  - Extend HDMI signal over a single Optical cable up to 20km
  - Up to 1920x1080 resolutions
  - Better compatibility with HDMI source devices, display devices and Optical cables
  - Compatible with existing internet
  - Support 7x24 hours of continuous work
  - Functional as extender & splitter
  - Support various kinds of video signal input

## HM-ET09

### HDMI OVER IP KVM EXTENDER BY NETWORKING CABLE



- Extend HDMI signal up to 100 meters via a single network cable
- The highest resolution supported is up to 1080p@30Hz
- LED indicators, know the status of power and USB connection easily
- Support KVM function, remote control conveniently
- Support LAN standard 802.3 Ethernet 10/100Mbps
- Compliant STP and UTP CAT5/5e/6 network cables
- Aluminum alloy housing design, stable and durable

## HM-ET10

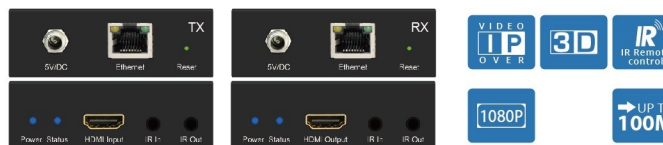
### HDMI OVER IP KVM EXTENDER BY OPTICAL CABLE



- 
- Extend HDMI signal up to 20 kilo meters via a single Optical cable
  - The highest resolution supported is up to 1080p@30Hz
  - LED indicators, know the status of power and USB connection easily
  - Support KVM function, remote control conveniently
  - Aluminum alloy housing design, stable and durable

## HM-ET14

### HDMI OVER IP EXTENDER BY NETWORKING CABLE



- 
- Transmit HDMI signal over network cable
  - Extend HDMI signal over a single CAT6 up to 100m
  - Up to 1920x1080 resolutions
  - Better compatibility with HDMI source devices, display devices and network cables
  - Compatible with existing internet
  - Support 7x24 hours of continuous work
  - Functional as extender & splitter
  - Support various kinds of video signal input

## HM-ET11

### HDMI OVER IP KVM EXTENDER WITH LED



- Transmit HDMI signal over network cable
- Extend HDMI signal over a single CAT6 up to 100m
- Up to 1920x1080 resolutions
- Functional as extender & splitter
- Support various kinds of video signal input
- Easy group selection by press the key on the front panel
- Supports 7-segment LED display to indication current group number
- Supports 2x USB ports for KVM application (keyboard and mouse are supported)
- Bi-directional IR with support for 30-60kHz frequencies

## HM-ET12

### HDMI OVER IP EXTENDER LED (RS232)



- Transmit HDMI signal over network cable
- Extend HDMI signal over a single CAT6 up to 100m
- Up to 1920x1080 resolutions
- Functional as extender & splitter
- Support various kinds of video signal input
- Easy group selection by press the key on the front panel
- Supports 7-segment LED display to indication current group number
- Supports RS-232 commutation baud rate up to 115.2Kbps
- Bi-directional IR with support for 30-60kHz frequencies

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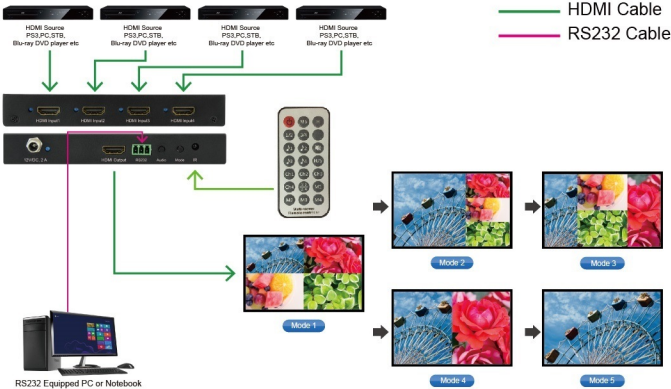


# HM-SW401S

## HDMI 4X1 QUAD MULTI-VIEWER WITH SEAMLESS SWITCHER



- 4 x HDMI input
- 1080P Full HD
- IR Remote control
- Different display mode
- Button control display mode
- Button control audio input channel

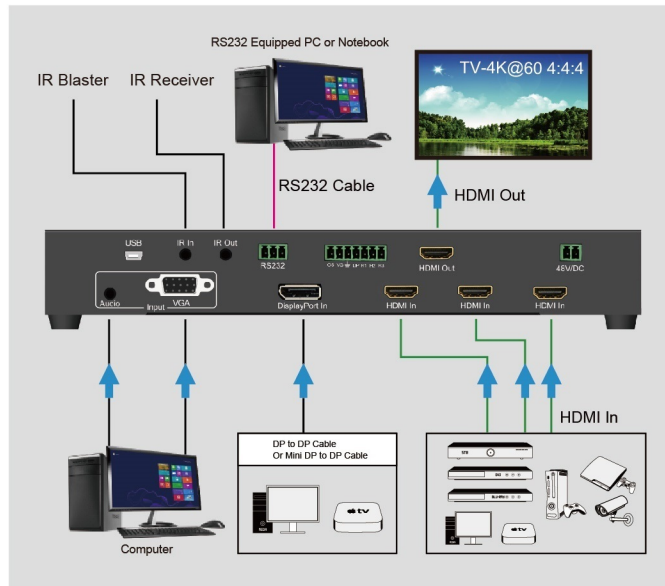


- Mode 1:** The four HDMI input sources are displayed in 2x2 on one screen.
- Mode 2:** The four HDMI input sources are displayed with one bigger and three smaller windows on one screen.
- Mode 3:** The four HDMI input sources are displayed and H-split on one screen.
- Mode 4:** The two HDMI input sources are displayed in 2x1 on one screen.
- Mode 5:** This is the full screen mode, pressing IN1-IN4 button is to select the corresponding channel and displayed in full screen as a seamless switcher.

This HDMI 4X1 Switch is a high performance 4 by 1 Quad Multi-Viewer with seamless switcher. It supports four HDMI input sources to be displayed on one screen with five multiview mode. As a switcher, it can also seamlessly switch the four HDMI input freely. The product can be controlled by various ways, through the front panel button, IR, RS232 control etc.

- Compliant with HDMI 1.3a, HDCP 1.2
- Supports multiplexed HDMI 4-input and 1-output
- Supports up to 1080p60 High Definition resolution
- Support 4 by 1 Quad Multi-viewer and seamless switcher (with same resolution)
- Support button, IR control, RS232 control
- Support scaler up, scaler down function
- Support multi output resolution

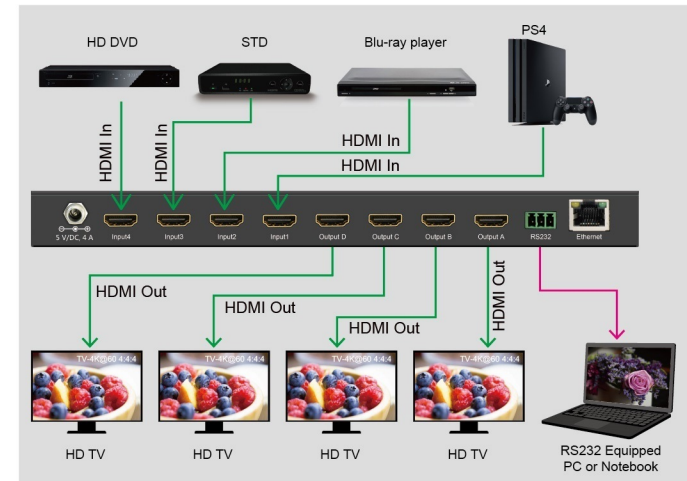
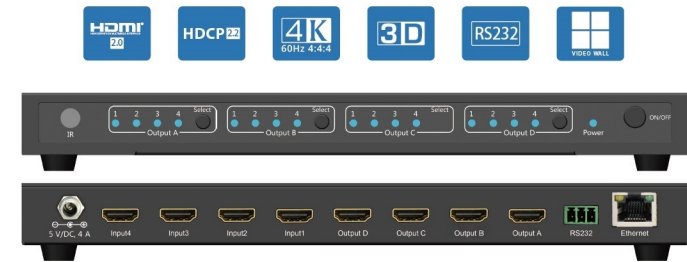
# PRESENTATION SWITCH HDMI 2.0 4:4:4



- DisplayPort & VGA Inputs
- HDMI Outputs
- 4K 30 4:4:4, 4K60 4:2:0 (HDMI input Only)
- HDR 4:2:2 12 Bit Support (HDMI input Only)
- HDCP 2.2 & Earlier Supported
- 100M (330ft) On 1080P, Up to 70m (230ft) on 4K (Cat6a) In
- 70M (230ft) On 1080P, 40M (131ft) on 4K (Cat6a) Out
- Fast Switching
- Analog audio extraction
- RS232 & IR Control projectors, AVR's
- Designed for the conference/classroom room so your customer can focus on their meetings, not their video system.

Model	Description
HM-VDH501	5X1 PRESENTATION SWITCH HDMI 2.0 4:4:4
HM-VDH502	MATRIX 5X2 PRESENTATION SWITCH HDMI 2.0 4:4:4

# HDMI 2.0 4X4 MATRIX SWITCH 4:4:4



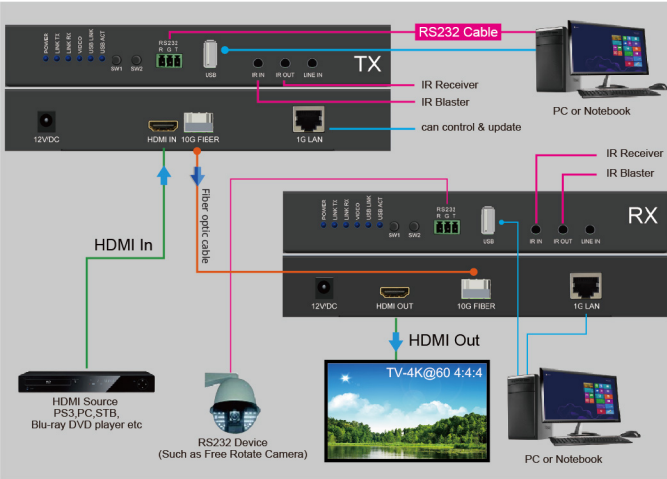
- Digital Distribution: 4 HDMI Source to 4 HDMI Displays
- 4K 30 4:4:4, 4K60 4:2:0 (HDMI input Only)
- HDR 4:2:2 12 Bit Support (HDMI input Only)
- HDCP 2.2 & Earlier Supported
- Fast Switching
- Analog audio extraction
- RS232 & IR Control
- Designed for the conference/classroom room so your customer can focus on their meetings, not their video system.

Model	Description
HM-MT404L	HDMI 2.0 4X4 MATRIX SWITCH 4:4:4 WITH ETHERNET
HM-MT404	HDMI 2.0 4X4 MATRIX SWITCH 4:4:4

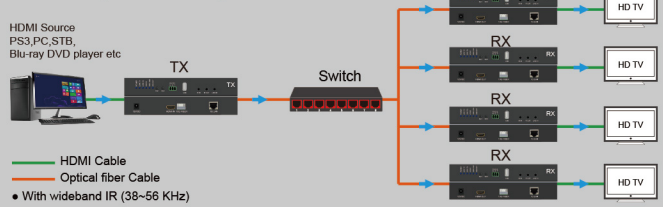
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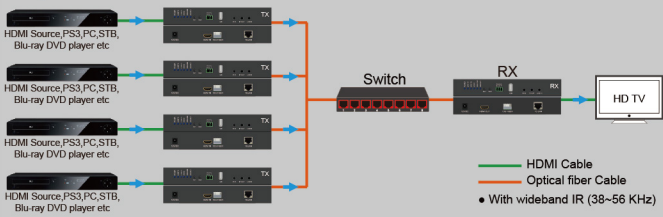
# HDMI 2.0 OVER IP EXTENDER 20KM BY OPTICAL CABLE WITH KVM



## One to many extender & Splitter



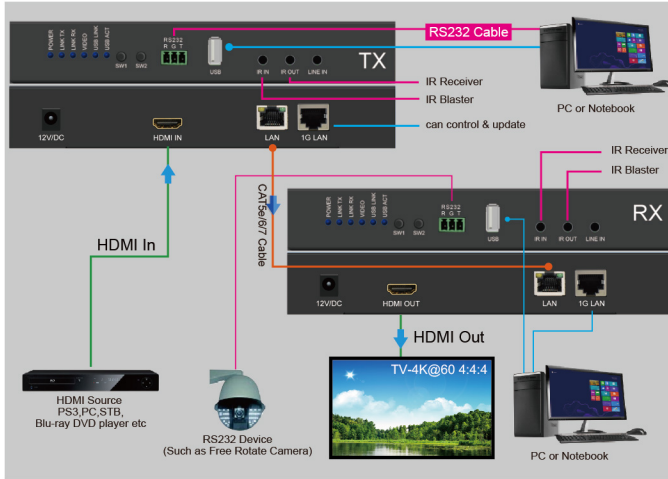
## Many to one Switcher



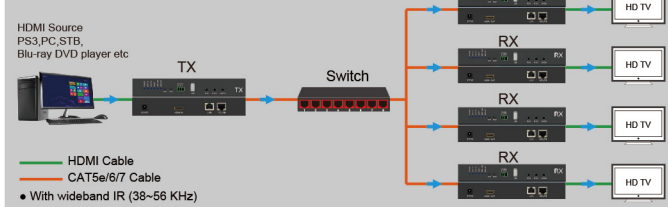
- EXPAND At Any Time by simply adding Transmitters & Receivers Anywhere on the Network
- Map Unlimited Receivers to Watch The Same or Different Transmitters
- Real Time Distribution - Zero Frames Delay - Ideal for Any Application
- Any Resolution and Frame Ratio up to Full 4K @60 Frames Per Second
- Any HDMI Up To HDMI 2.0 / HDCP 2.2
- USB 2.0 Bridging between receivers and transmitters for keyboards, mice, gaming controllers, Bluetooth & usb dongles, chromecast, thumb drives, etc.

Model	Description
HM-ET17A	HDMI 2.0 OVER IP EXTENDER 20KM BY optical cable
HM-ET17B	HDMI 2.0 OVER IP EXTENDER 20KM BY optical cable with KVM

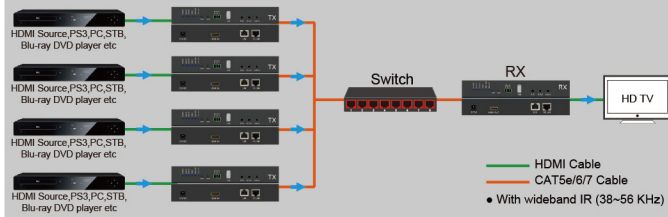
# HDMI 2.0 OVER IP EXTENDER 100M BY CAT5E/6 CABLE WITH KVM



## One to many extender & Splitter



## Many to one Switcher



- EXPAND At Any Time by simply adding Transmitters & Receivers Anywhere on the Network
- Map Unlimited Receivers to Watch The Same or Different Transmitters
- Real Time Distribution - Zero Frames Delay - Ideal for Any Application
- Any Resolution and Frame Ratio up to Full 4K @60 Frames Per Second
- Any HDMI Up To HDMI 2.0 / HDCP 2.2
- USB 2.0 Bridging between receivers and transmitters for keyboards, mice, gaming controllers, Bluetooth & usb dongles, chromecast, thumb drives, etc.

Model	Description
HM-ET16A	HDMI 2.0 OVER IP EXTENDER 100M BY CAT5E/6 CABLE
HM-ET16B	HDMI 2.0 OVER IP EXTENDER 100M BY CAT5E/6 CABLE with KVM

## HM-ET01S

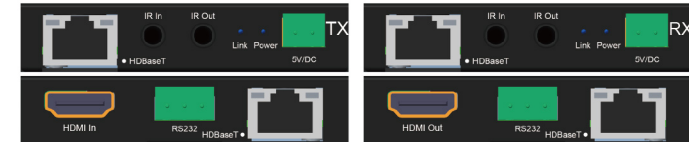
### EXTEND HDAV TO 70M OVER ONE CAT5E/6 CABLE



- Supports HDCP
- Supports uncompressed HDMI signal.
- Supports highest video resolution up to 4K2K@30Hz.
- Enables HDMI10.2 Gbps and IR control signal in parallel over a single 70m Cat5e/6 cable.
- Supports 340MHz/3.4Gbps per channel (10.2Gbps all channel) bandwidth.
- Supports 1080p@60Hz@48bit pixels
- Supports 3D pass-through.
- Supports CEC pass-through.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD).
- Built-in IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the Display back to the Source devices.
- CAT5e/6 cable follows the standard of IEEE-568B.

## HM-ET01ES

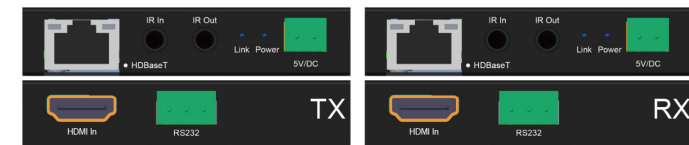
### HDMI 2.0 EXTENDER WITH ETHERNET/RS232/POC/IR



- Supports the HDBaseT 2.0 specification over a single Cat.6/7 cable up to 70m/328ft.
- Fully compliant with HDMI 1.4, and compatible with HDMI 2.0 (4K2K@60Hz with YUV4:4:4).
- Supports pass-through of HD audio formats: LPCM2/5.1/7.1 CH, Dolby Digital, DTS, Dolby TrueHD, DTS-HD Master Audio and more.
- HDBaseT 5Play™ convergence: High-Definition (HD) Video and Audio, 100BaseT Ethernet, 12V POC, and Control (Bi-directional IR/ RS232 pass-through)
- HDMI with 3D & 4K@60Hz (YUV 4:2:0) support, DVI 1.0 compatible
- HDCP 2.2 compliant
- Supports CEC
- Supports RS232 baud rates from 110~115200bps

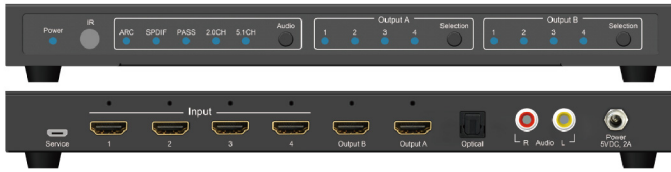
## HM-ET01SA

### EXTEND HD AV AND ETHERNET TO 100M OVER ONE CAT5E/6 CABLE

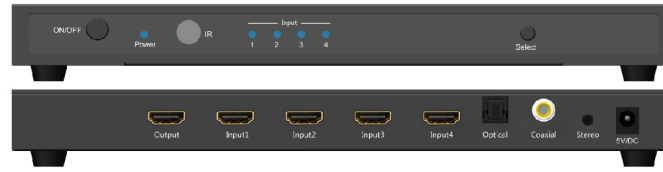


- Support HDCP.
- Support uncompressed HDMI signal up to 4K2K@30Hz.
- Enables HDMI10.2 Gbps and 100Mbps Ethernet in parallel over a single 100m Cat5e/6 cable.
- Supports 340MHz/3.4Gbps per channel (10.2Gbps all channel) bandwidth.
- Support 1080p@60Hz@48bit pixels.
- Support 3D pass-through.
- Support CEC pass-through.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD).
- There are 2 standard Ethernet ports with switching capabilities on each unit. There is no difference between the 2 and any type of connection topology is permitted.
- Built-in IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the Display back to the Source devices.
- CAT5e/6 cable follows the standard of IEEE-568B.

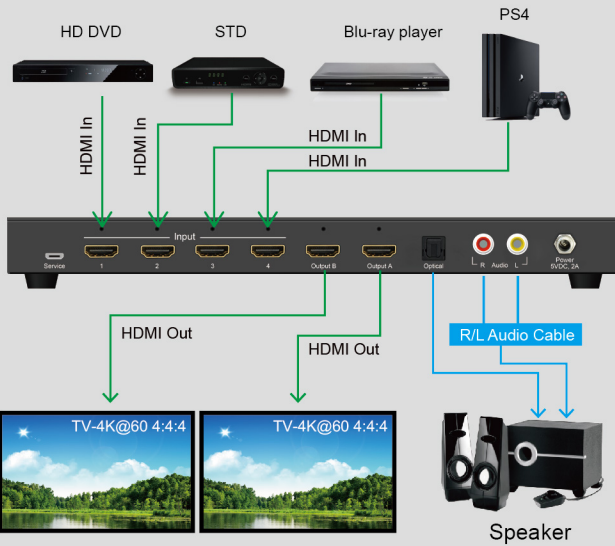
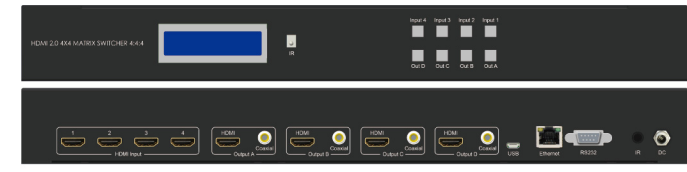
## HDMI 2.0 MATRIX SWITCH 4:4:4



## HM-SW401KPT 4X1 HDMI 4K2K SEAMLESS SWITCH WITH AUDIO

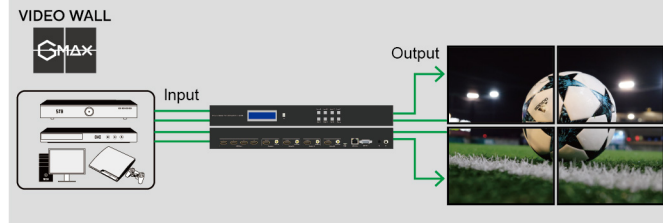
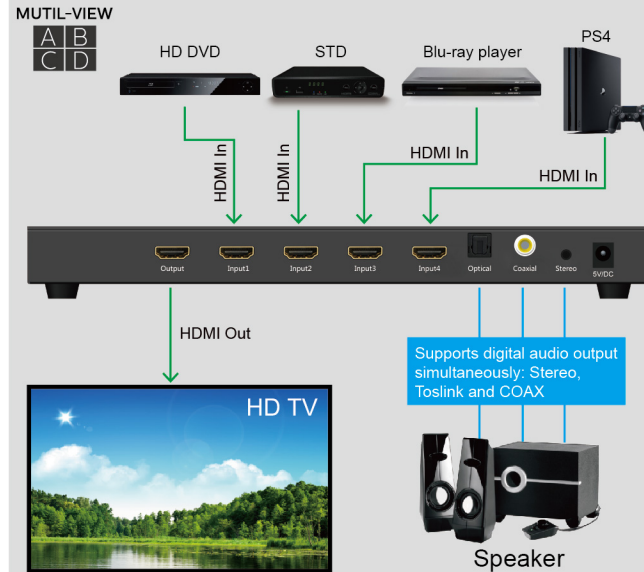


## HM-MT404A HDMI 2.0 4X4 MATRIX SEAMLESS SWITCH WITH VIDEO WALL FUNCTION

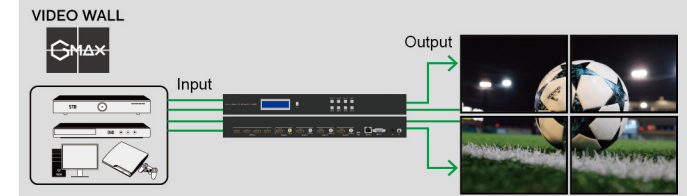
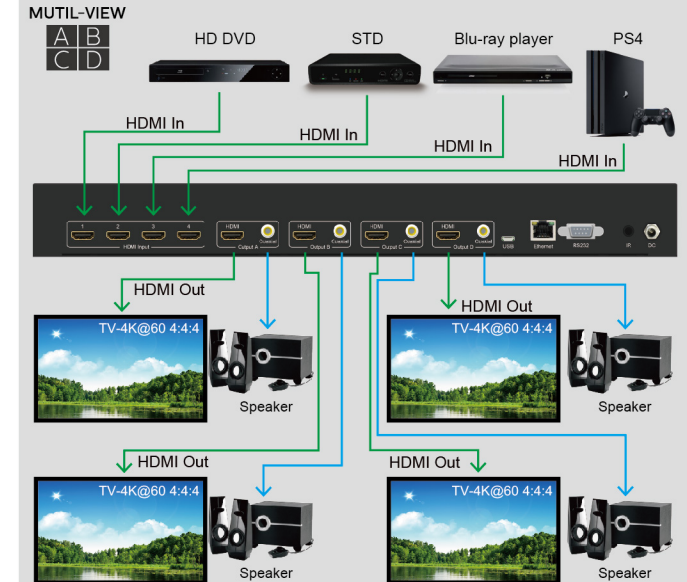


- 4-way MHL/HDMI dual-mode input, free switch output to two HDMI any one
- Any a hd signal source can be through the optical fiber separation or around a track to realize audio output independently
- Supports full hd, full 3 d, 4 k \* 2 k
- Support the ARC function: in the HDTV directly receive audio and video content, the high-definition TV via HDMI audio directly sent to the A/V power amplifier on the receiver, without the other cable
- Separation can realize synchronous audio output, have PASS, 2.0 CH, 5.1 CH can choose three kinds of audio mode
- LED lamp, when the signal source or signal set working, corresponding will brighten lights
- Using standard AWG26 HDMI cable, the input transmission distance up to 10 meters, output transmission distance up to 15 meters
- The input can be through the infrared remote control switch, also can be directly through the button control
- LED status indicator, make the product each working condition be clear at a glance
- No signal loss
- Simple installation
- Outer 5 V / 2 a power adapter

Model	Description
HM-SW401H	HDMI 4X1 SWITCHER WITH AUDIO EXTRACTION
HM-SW402H	HDMI 4X2 SWITCHER WITH AUDIO EXTRACTION

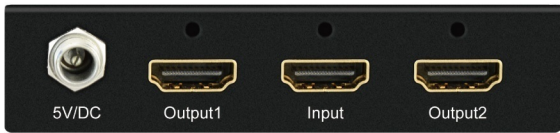
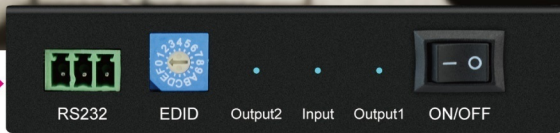
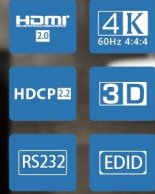


- One input port on the front panel is specialized for portable devices
- Multi-switching methods: intelligent, IR remote or by touch button
- Supports highest video resolution up to 4K2K .
- Supports 3.4Gbps per channel (10.2Gbps all channel) bandwidth.
- Supports 16bit per channel (48bit all channel) deep color.
- HDCP pass-through.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD).
- Support 3D all format, including 1080p@48/23.98/24Hz, 720p@59.94/60Hz/50Hz, bandwidth up to 340MHz.



- HDMI 2.0(a/b)
- 18Gbps Bandwidth Support
- V4K60 4:4:4 Support
- Full HDR Support (HDR 10 & 12 Bit)
- Dolby Vision, HDR10+ and HLG Support
- HDCP 2.2 (and all earlier versions supported)
- 1080p > 4K & 4K > 1080p Up /Down Scalers on each output
- Advanced EDID Management
- IR, RS-232 and LAN Control Options
- Digital Toslink Out (7CH PCM, DD, DD+, DTS, DTS-MA)
- Balanced Analog Out (2CH PCM)
- Audio Delay for Digital & Analog Out
- HDBaseT Compatibility mode for mixed systems! (More below)

## HDMI2.0 & HDCP2.2 SPLITTER WITH EDID AND RS232

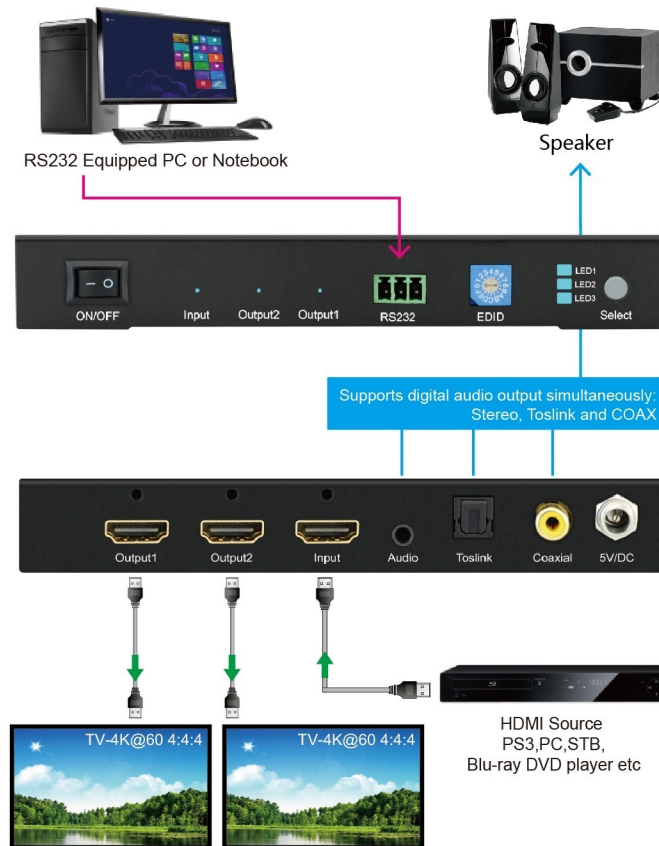


- Digital Distribution: 1 HDMI Source to 2/4/8 HDMI Displays
- Ultra HD/4K Resolution: 4096x2160 or 3840x2160 30Hz at 4:4:4 and 60Hz at 4:4:4
- HDCP Licensing: Compliancy up to HDCP 2.2 and backward compliant
- 3D Ready: Capability to pass 3D stereoscopic signal formats
- Resolution Support: HD, and VESA up to UHD/4K
- Deep Color Support: Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- EDID Control: Internal library with 15 EDID handshakes in addition to native EDID data of output/display 1
- Lossless Compressed Digital Audio: Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™ and Dolby® Atmos
- Deep Color Support: Up to 12 Bit at UHD/4K 24/25/30Hz 4:4:4
- HDMI and HDCP Licensing: Fully licensed and compatible with HDCP 2.2 and HDMI
- I2C Communication: EDID and HDCP buffering from Display to Source

Model	Description
HM-SP102E	1X2 HDMI2.0 & HDCP2.2 SPLITTER WITH EDID and RS232
HM-SP104E	1X4 HDMI2.0 & HDCP2.2 SPLITTER WITH EDID and RS232
HM-SP108E	1X8 HDMI2.0 & HDCP2.2 SPLITTER WITH EDID and RS232



## HDMI2.0 & HDCP2.2 SPLITTER WITH AUDIO EXTRACTOR RS232 and EDID



- Digital Distribution: 1 HDMI Source to 2/4/8 HDMI Displays
- Ultra HD/4K Resolution: 4096x2160 or 3840x2160 30Hz at 4:4:4 and 60Hz at 4:4:4
- HDCP Licensing: Compliancy up to HDCP 2.2 and backward compliant
- 3D Ready: Capability to pass 3D stereoscopic signal formats
- Resolution Support: HD, and VESA up to UHD/4K
- Deep Color Support: Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- EDID Control: Internal library with 15 EDID handshakes in addition to native EDID data of output/display 1
- Lossless Compressed Digital Audio: Dolby® TrueHD, Dolby® Digital Plus, DTS-HD Master Audio™ and Dolby® Atmos
- Deep Color Support: Up to 12 Bit at UHD/4K 24/25/30Hz 4:4:4
- HDMI and HDCP Licensing: Fully licensed and compatible with HDCP 2.2 and HDMI
- I2C Communication: EDID and HDCP buffering from Display to Source
- Support extract HDMI audio signal and convert it to digital optical or analog stereo audio

Model	Description
HM-SP102EA	1X2 HDMI2.0 & HDCP2.2 SPLITTER WITH AUDIO EXTRACTOR RS232 and EDID
HM-SP104EA	1X4 HDMI2.0 & HDCP2.2 SPLITTER WITH AUDIO EXTRACTOR RS232 and EDID
HM-SP108EA	1X8 HDMI2.0 & HDCP2.2 SPLITTER WITH AUDIO EXTRACTOR RS232 and EDID

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