

AT-HS-4S

HDMI Splitter | 4K60 HDMI 2.0 1×4 Splitter with Audio & Downscale

4K60 HDMI 2.0 1×4 Splitter with 18Gbps bandwidth, HDCP 2.2, audio de-embedding (optical + analog), 4K-to-1080p downscale, HDR/Dolby Vision pass-through, and EDID management.



4K60 18Gbps

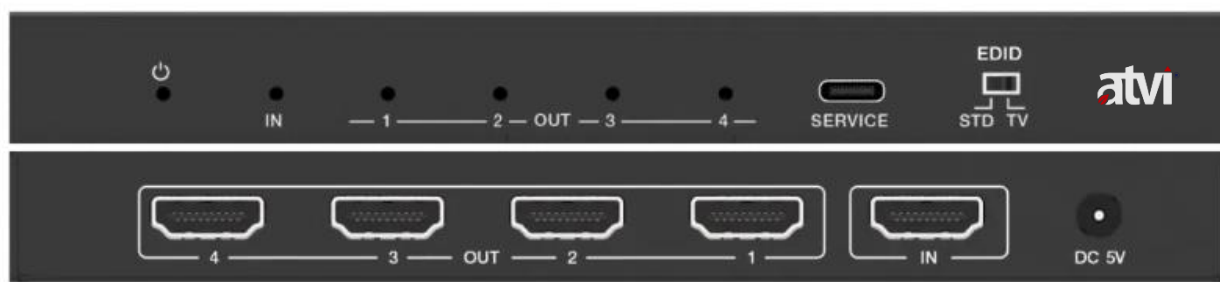
1×4 Split

Audio De-embed

4K→1080p Scale

HDR / Dolby

7.1Ch Audio



The ATVI AT-HS-4S is a 4K60 HDMI 2.0 1×4 splitter with built-in audio de-embedding and 4K-to-1080p downscale. It distributes a single HDMI source to four displays while extracting 7.1-channel audio via optical and analog outputs. Supporting 18Gbps bandwidth, HDCP 2.2, HDR/HDR10/HDR10+/Dolby Vision, and LPCM 7.1CH/Dolby TrueHD/DTS-HD Master Audio.

Max Resolution 4K@60Hz 4:4:4	HDMI Outputs 4	Audio Outputs Optical + 3.5mm L/R
Downscale 4K → 1080p	Video Bandwidth 600MHz / 18Gbps	HDCP 2.2

IDEAL FOR

Conference Rooms

4K distribution with separate audio extraction for AV systems

Home Theater

4K content to multiple TVs with downscaled output for older displays

Education

Presentation distribution with de-embedded audio for PA systems

Digital Signage

Reliable 4K splitting with audio extraction for commercial AV

PRODUCT DESCRIPTION

The ATVI AT-HS-4S is a 4K60 HDMI 2.0 1×4 splitter with built-in audio de-embedding and video downscale. It distributes a single HDMI source to four HDMI outputs while extracting 7.1-channel audio via optical SPDIF and 3.5mm L/R analog outputs, and supports 4K-to-1080p downscaling for mixed-resolution display environments.

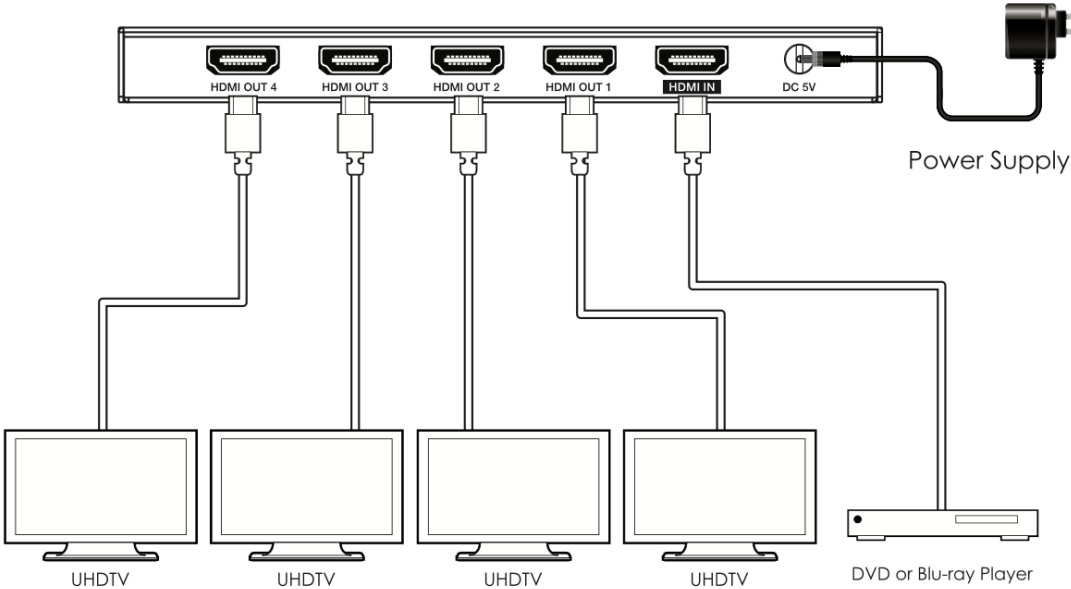
With 18Gbps bandwidth and HDCP 2.2 compliance, the AT-HS-4S passes HDR, HDR10, HDR10+, and Dolby Vision content while supporting LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio formats. EDID management (COPY/AUTO via dip switch) ensures optimal source-display handshake across all outputs.

A built-in equaliser, retiming circuit, and driver ensure signal integrity over cable runs. The 4K-to-1080p downscale function enables simultaneous output to 4K and Full HD displays from a single source. Power supply operates on AC 100–240V 50/60Hz with CE/FCC/UL certified DC 5V adapter.

■ 4K60
4:4:4
■ 1×4
+ Audio Out
■ 7.1Ch
Audio Extract
■ 4K→
1080p Scale
■ HDR
Dolby Vision
■ EDID
Management

PRODUCT KEY FEATURES

 4K60 Distribution Distributes 4K@60Hz 4:4:4 from one source to four outputs with 18Gbps bandwidth and HDCP 2.2 compliance.	 Audio De-Embedding Extracts 7.1-channel audio via optical SPDIF and 3.5mm L/R analog outputs for external sound systems and amplifiers.	 4K to 1080p Downscale Built-in video scaler converts 4K content to 1080p, enabling simultaneous output to 4K and Full HD displays.
 HDR & Dolby Vision Passes HDR, HDR10, HDR10+, and Dolby Vision content for vivid colour and dynamic range on compatible displays.	 Premium Audio Formats Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio for cinema-quality sound extraction.	 EDID Management COPY and AUTO EDID modes via dip switch ensure optimal resolution and audio negotiation with all connected displays.
 Signal Integrity Built-in equaliser, retiming, and driver circuits maintain signal quality over longer HDMI cable runs.	 Plug and Play No drivers needed — connect HDMI cables, power on, and enjoy instant 4K distribution with audio extraction.	 Compact Design Compact metal chassis with flexible mounting options for easy integration into any AV setup.



TECHNICAL SPECIFICATIONS

VIDEO SPECIFICATIONS

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	600MHz / 18Gbps
Max Resolution	4K2K @ 24/25/30/60Hz
Colour Subsampling	4:4:4
HDR Support	HDR, HDR10, HDR10+, Dolby Vision
Downscale	4K → 1080p (selectable)
EDID Management	COPY / AUTO (via dip switch)
Equaliser / Retiming	Built-in Equaliser, Retiming & Driver
ESD Protection	IEC 61000-4-2: ±8kV air-gap, ±4kV contact

AUDIO

Audio Formats	LPCM 7.1CH, Dolby TrueHD, DTS-HD Master Audio
Audio De-embedding	Digital (Optical SPDIF) + Analog (3.5mm L/R)
Audio Channels	7.1 Channel

CONNECTIONS

HDMI Input	1 × HDMI Type-A (19-pin female)
HDMI Output	4 × HDMI Type-A (19-pin female)
Optical Audio Out	1 × SPDIF (Toslink)
Analog Audio Out	1 × 3.5mm L/R Stereo
Service Port	1 (firmware update)

GENERAL

Dimensions	Compact Metal Enclosure
Chassis	Metal, Black
Power Supply	AC 100~240V 50/60Hz; DC 5V (CE/FCC/UL)
Operating Temp.	0°C ~ 40°C
Storage Temp.	-20°C ~ 60°C
Operating Humidity	20% ~ 80% RH (non-condensing)
Plug and Play	Yes — no drivers required