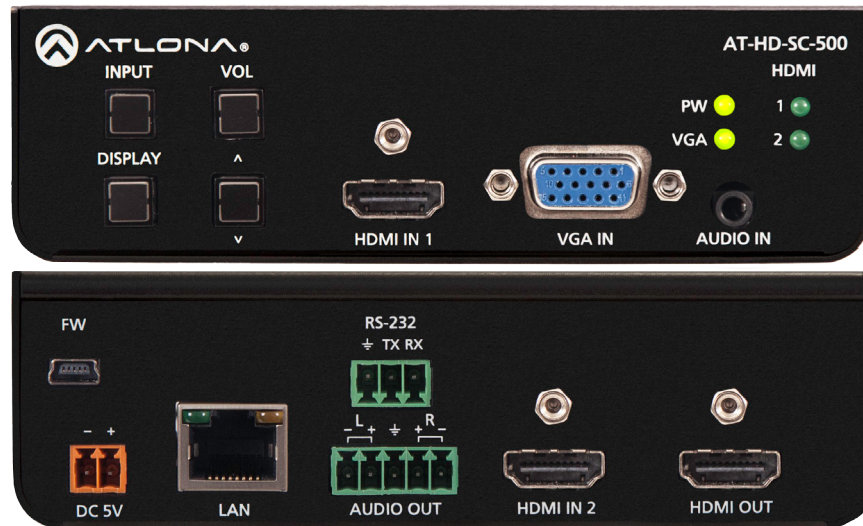




The Atlona AT-HD-SC-500 is a scaler with built-in 3×1 switcher for HDMI and VGA signals. It features two HDMI inputs and a VGA input with 3.5mm audio connector. The scaler is designed to take video signals from switchers, PCs or laptops and scale them to an HDMI output at a wide-range of HDTV and PC resolutions, up to 1080p/60Hz and WUXGA (1920×1200). For ease of operation, the AT-HD-SC-500 features auto-switching for active input selection when sources are connected or if there is a change in source power status. Input selection can also be controlled from the front panel, RS-232, or TCP/IP commands. Set-up is performed using Atlona's webGUI or OSD. Set-up options include variable preferred input resolutions, output resolution, plus control of brightness, contrast, saturation, hue and sharpness. The AT-HD-SC-500 is ideal for applications where multiple signals with different resolutions must be optimized for a display.

The AT-HD-SC-500 combines a scaler with multiple inputs and auto-switching capabilities for use in a small system with HDMI and VGA sources, and audio features including analog de-embedding, volume control, and equalization.

Scaler with HDMI output and input resolution control -

- Scales output video signals up to 1080p/60Hz and 1920×1200; Choose preferred scaler input resolution from 800×600 to 1920×1200
- Assures compatibility of VGA and HDMI sources with the display

Three input switcher -

- Features two HDMI inputs plus a VGA input with 3.5mm audio connector
- Allows advanced HDMI display devices to be used with legacy VGA sources

TCP/IP and RS-232 control -

- Flexible control options for compatibility with 3rd-party control systems
- Reduces integration time and costs

Auto-switching -

- Selects active input when sources are connected or if there is a change in source power status
- Eliminates need for complex control system in small AV systems

Front panel input select button -

- Overrides auto-switching when two active sources are present
- Simple manual control allows presenter to maintain control of the image on screen

Front panel volume control -

- Adjusts level of both embedded and de-embedded audio; provides 'Mute' mode
- Simplifies audio level settings for best sound

Specifications

Video Resolutions

IN	1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60Hz, 720p@50/59.94/60Hz, 576p, 576i, 480p, 480i 1920x1200, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1366x768, 1360x768, 1280x1024, 1280x800, 1280x768, 1152x864, 1024x768, 800x600, 640x480
Preferred input resolution	800x600, 1024x768, 1280x720, 1280x800, 1366x768, 1920x1080, 1920x1200
OUT	1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60, 720p@25/29.97/30/50/59.94/60, 800x600, 1024x768, 1280x800, 1280x1024, 1366x768, 1400x1050, 1600x900, 1600x1200, 1680x1050, 1920x1200
Color Space	YUV, RGB
Chroma Subsampling	4:4:4, 4:2:2
Color Depth	8-bit, 10-bit, 12-bit

Audio

Analog IN	3.5mm stereo jack, -10 dBu nominal input
Analog OUT	Balanced, +4 dBu nominal analog output. Max output +18 dBu (only from 2Ch PCM sources)
HDMI	PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos
Sample Rate	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
Bit rate	up to 24-bit

Distance

HDMI @ 1080p	up to 10 meters	up to 30 feet
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Signal

Bandwidth	6.75 Gbps
CEC	
HDCP	Switchable - Compliant/Non-compliant

Temperature

Operating	0°C to 50°C	32°F to 122°F
Storage	-20°C to 60°C	-4°F to 140°F
Humidity	20 to 90% non-condensing	

Power

Consumption	10.4W
Supply	Input: AC 100-240V ~ 50/60Hz 0.5A Output: DC 5V/3.6A

Dimension

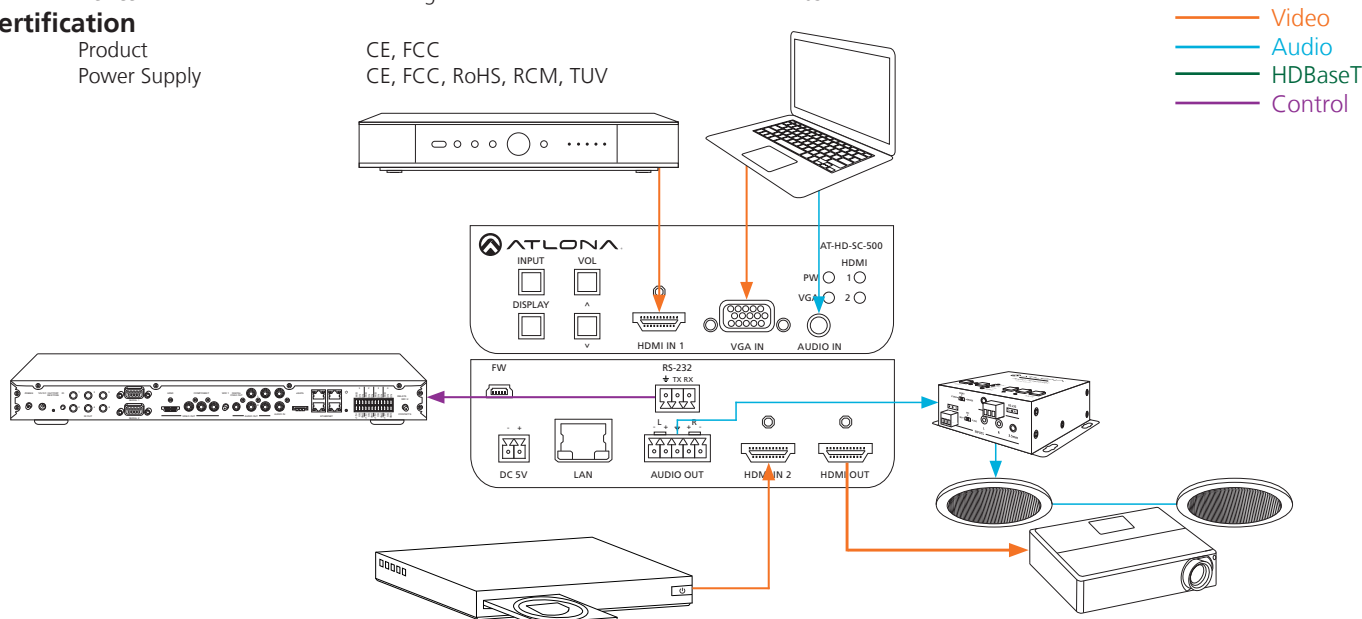
H x W x D	38 x 127 x 102 (mm)	1.5 x 5 x 4.02 (inch)
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Weight

Device	0.27 kg	0.60 lbs
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Certification

Product	CE, FCC
Power Supply	CE, FCC, RoHS, RCM, TUV



Specifications and availability subject to change without notice. Actual products, product images, and online product images may vary from images shown here. Not responsible for typographical errors.