



Introduction

The Atlona **AT-OME-TX11-WP** is an HDBaseT transmitter for video up to 4K/60 4:2:0, plus embedded audio over distances up to 330 feet (100 meters). It features a US one-gang, wallplate form factor, and includes interchangeable black and white wallplates and faceplates. Part of the Omega™ Series of integration products for modern AV communications and collaboration, the OME-TX11-WP is HDCP 2.2 compliant and is remotely powered over HDBaseT. This transmitter is ideal for use with Omega Series receivers as well as switchers with HDBaseT inputs.

Applications

- **Collaboration and gathering spaces**

The OME-TX11-WP and OME-RX11 together serve as a basic but effective AV solution with a convenient wall or table HDMI connection for a presenter. The de-embedded audio output at the OME-RX11 offers the opportunity to add sound reinforcement.

- **Classrooms and auditoriums**

This wallplate transmitter can provide an auxiliary HDMI input into the main switching system, such as the OME-PS62 presentation switcher. The OME-TX11-WP can be installed wherever designated for a student to connect a laptop and share content with the class.

Key Features

US one-gang enclosure for wallplate openings – interchangeable black or white trim kits

- Allows inconspicuous installation on a wall, in furniture, or in a floor box. Includes black and white wallplates and faceplates.
- Meets end user requirements for conveniently accessible yet discreet AV connectivity.

Video, audio, and power over category cable utilizing HDBaseT technology

- Transmits 4K/UHD video up to 330 feet (100 meters) with CAT6/6a/7 cable, or up to 295 feet (90 meters) using CAT5e cable.
- Uses easy-to-integrate category cable for low-cost, reliable system installation.

4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling

- Compatible with sources up to 4K/60 4:2:0 and 4K/30 4:4:4.
- Supports HDMI data rates up to 10 Gbps from PCs, media players, and Ultra HD Blu-ray players.

HDCP 2.2 compliant

- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between authenticated devices.

Remote powering over HDBaseT

- Industry standard IEEE 802.3af PoE is supplied by an Atlona receiver or switcher over HDBaseT.
- Allows convenient wall, floor box, or furniture installation without the need for local AC power.

Specifications

Video		
Signal	Input - HDMI Output - HDBaseT	
Copy Protection	HDCP 2.2	
Pixel Clock	300 MHz	
UHD/HD/SD	4096x2160 @ 60 ⁽¹⁾ /50/30/25/24 Hz 1280x720p @ 60/59.94/50 Hz 3840x2160 @ 60 ⁽¹⁾ /50/30/25/24 Hz 720x576p 2048x1080p 720x576i 1920x1080p @ 60/59.94/50/30/29.97/25 640x480p /24/23.98 Hz 640x480i 1920x1080i @ 60/59.94/50 Hz	
VESA All resolutions are 60Hz	2560x2048 1366x768 2560x1600 1360x768 2048x1536 1280x1024 1920x1200 1280x800 1680x1050 1280x768 1600x1200 1152x768 1600x900 1024x768 1440x900 800x600 1400x1050 640x480	
Color Space	YUV, RGB	
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0	
Color Depth	8-bit, 10-bit, 12-bit	

Audio			
HDMI / HDBaseT Pass-Through Formats	PCM 2.0 LPCM 5.1 LPCM 7.1	Dolby® Digital Dolby Digital Plus™ Dolby TrueHD	DTS® Digital Surround™ DTS-HD Master Audio™
Bit Depth	Up to 24 bits		
Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz		

Resolution / Distance	4K/UHD - Feet / Meters		1080p - Feet / Meters	
HDMI IN	15	5	30	10
CAT5e	230	70	330	100
CAT6/6a/7	230	70	330	100

Indicators	
Indicators: PWR LINK	1 x LED, green 1 x LED, amber

Connectors	
HDMI	1 x Type A, 19-pin female, locking
HDBaseT	1 x RJ45

Environmental	Fahrenheit	Celsius
Operating Temperature	+32 to +104	0 to +40
Storage Temperature	-4 to +140	-20 to +60
Operating Humidity (RH)	20% to 90%, non-condensing	
Power		
Consumption	3.88 W	
BTU/h	13.2	
Dimensions (H x W x D)	Inches	Millimeters
Device	4.07 x 1.80 x 2.63	103.50 x 45.80 x 67.00
Weight	Pounds	Kilograms
Device	0.40	0.18
Certification		
Device	CE, RoHS, FCC	
Compliance		
NDAA-889	Yes	
TAA	Yes	
Warranty		
3 years	View the full warranty information here: https://atlona.com/warranty	

Footnotes

(1) HDMI input supports up to 4K/UHD @ 60 Hz YUV 4:4:4 8-bit. HDBaseT output supports 4K/UHD @ 60 Hz YUV 4:2:0 only. An input of 4K/UHD @ 60 Hz YUV 4:4:4 will be converted to output 4K/UHD @ 60 Hz YUV 4:2:0.

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