



## 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 <sup>(1)</sup> /50/30/25/24 Hz 3840x2160 @ 60 <sup>(1)</sup> /50/30/25/24 Hz 2048x1080p 1920x1080p @ 60/59.94/50/30/29.97/25/24/23.98 Hz 1920x1080i @ 60/59.94/50 Hz	1280x720p @ 60/59.94/50 Hz 720x576p 720x576i 640x480p 640x480i
VESA All resolutions are 60Hz	2560x2048 2560x1600 2048x1536 1920x1200 1680x1050 1600x1200 1600x900 1440x900 1400x1050	1366x768 1360x768 1280x1024 1280x800 1280x768 1152x768 1024x768 800x600 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	
<b>Indicators:</b> 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	
NDA-889	Yes
TAA	Yes

  

Warranty	
3 years	View the full warranty information here: <a href="https://atlon.com/warranty">https://atlon.com/warranty</a>

## 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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