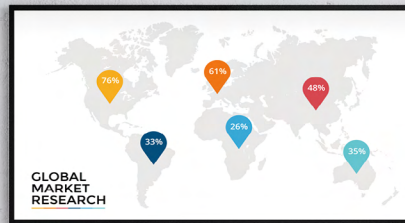


Wall Plate Extenders

More Interfaces, Less Hassle



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- 05 - 06 Size Compatible with US, EU, MK Standards
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- 14 - 16 Cat5 / Cat6 Wall Plate Extenders
- 17 Applications



Why Choose Wall Plate Extenders?

The convenience and elegance that only wall plate extenders provide will enable you to immerse your AV extensions for any application into any environment, such as on walls or tables, to merge with all kinds of room decor while concealing cables and other equipment out of sight.



Conceal Cabling

Hide bulky cabling and other installed equipment out of sight



Convenient Placement

Flexibly place signal input and output connections exactly where they are needed



Complimentary Design

Mount on any surface while simply blending in with the environment





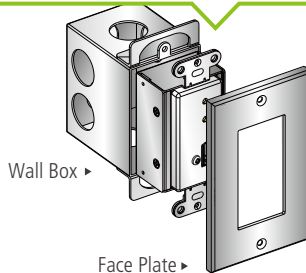
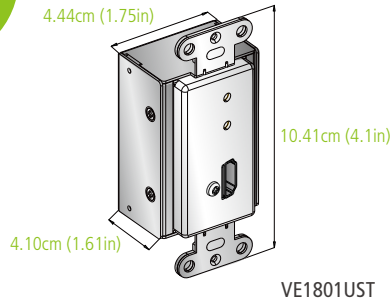
Elegantly Immerse Extensions into Any Room

By blending into the surfaces they are mounted on, wall plate extenders create a smart, clutter-free experience that provides handy AV input and output connections exactly where you need them, delivering reliable AV signals in style.

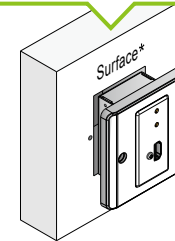
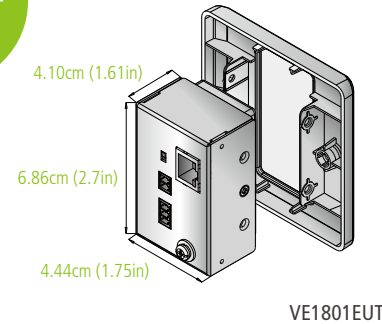
Size Compatible with US, EU, MK Standards

ATEN US/decora-type wall plate extenders can be conveniently mounted in standard wall boxes. In addition, the EU/MK-type wall plates are designed with minimal dimension requirements which are compatible to fit both EU and MK standards across different regions.

1 Gang
US-Type

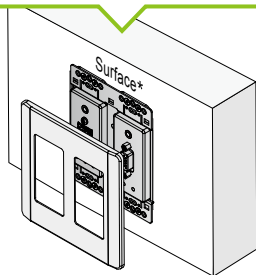
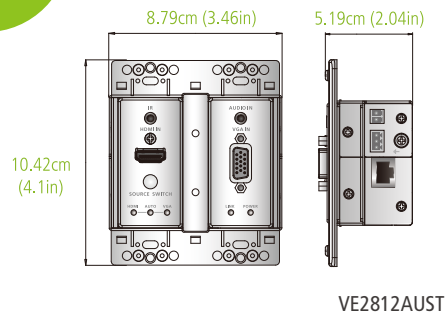


1 Gang
EU / MK-
Type



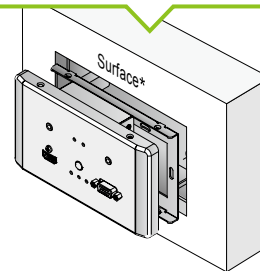
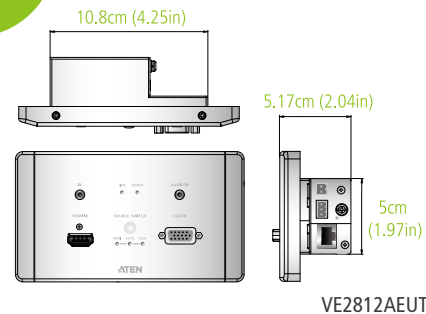
*Reference Surface Opening (L x W x H):
7.1 x 5.2 x 4.4 cm (2.8 x 2.05 x 1.73 in)

2 Gang US-Type



*Reference Surface Opening (L x W x H):
9.5 x 9.84 x 4.2 cm (3.74 x 3.87 x 1.65 in)

2 Gang EU / MK- Type



*Reference Surface Opening (L x W x H):
5.25 x 11.1 x 3.55 cm (2.07 x 4.37 x 1.4 in)

HDBaseT™ Wall Plate Extenders

ATEN HDBaseT™ Wall Plate Extenders allow you to connect and transmit AV signals from source devices up to 100m or more over a single Cat 5e/6a or ATEN 2L-2910 Cat 6 cable.



Convenient Installation

Provides comprehensive options for different regions with support for US/decora and EU/MK types



Superior Video Quality

Delivers up to 4K@100m and 1080p@150m (HDBaseT Long Reach Mode)



HDBaseT Support

Extends high quality video up to 4K@100m, control signals, and power via a single cable



Interface Conversion

Pair with ATEN Receivers to support diverse display interfaces such as DisplayPort, HDMI, DVI



VE1801UST / VE1801EUT

HDMI HDBaseT-Lite Transmitter with US / EU Wall Plate (4K@40m)



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

HDBT
ASE



RS-232 Channel



HDCP 2.2

- Extends up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0) at 40m, and 1080p at 70m
- HDMI 1.4 (3D, Deep color, 4K); HDCP 2.2 Compliant
- Compatible with HDBaseT-certified 3rd party devices



VE1801UST (US)



VE1801EUT (EU/MK)

VE2812AUST / VE2812AEUT

HDMI & VGA HDBaseT Transmitter with US / EU Wall Plate / POH (4K@100m)



Long Reach
Mode

RS-232 Channel

IR Channel



- Extends HDMI up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); VGA up to 1600 x 1200 / 1920 x 1200 at 100m
- HDMI 1.4 (3D, Deep color, 4K); HDCP 2.2 Compliant
- Supports HDBaseT Long Reach Mode of up to 1080p@150m
- Supports Power over HDBaseT (POH)
- Compatible with HDBaseT-certified 3rd party devices



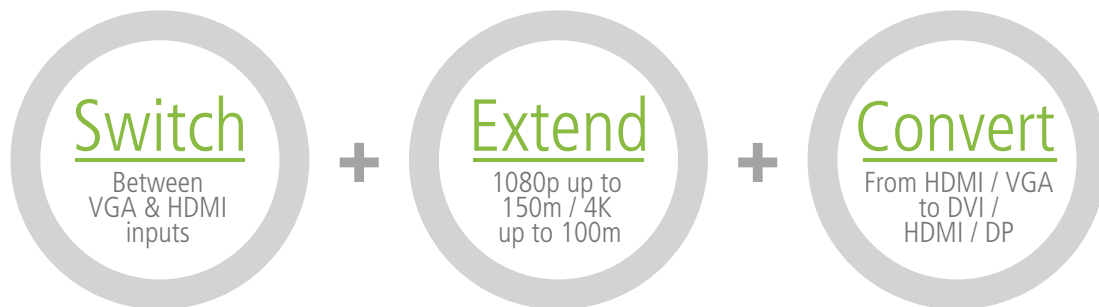
VE2812AUST / VE2812AUST2* (US)



VE2812AEUT (EU/MK)

*Note: The brown color option (VE2812AUST2) is made-to-order. Please contact your regional ATEN representative to place an order.

Get the Most out of a Hybrid 3-in-1 Solution!



Suggested ATEN PSE Devices:

VP1421

4 x 2 True 4K Presentation Matrix Switch

- 2 HDMI, 1 VGA, 1 HDBaseT inputs to 1 HDMI, 1 HDBaseT outputs
- Built-in audio DSP
- IR, RS-232, Ethernet control
- Supports PoH



VE44PB

4-Output PoH/PoE Power Injector

- Power up to 4 ATEN PoH/PoE products
- Supports HDBaseT connectivity
- Supplies 15.4W power / port
- Assured signal quality (with 80% original transmission distance)



Suggested ATEN HDBaseT Receivers:

Receiver Model	VE2812R	VE1812R	VE814AR	VE811R	VE801R	VE802R	VE601R	VE901R
Photo								
Video Output	HDMI (audio de-embedding)	HDMI	HDMI *2	HDMI	HDMI	HDMI	DVI	DisplayPort
IR/RS-232	IR/RS-232	IR/RS-232	IR/RS-232	N/A	N/A	IR/RS-232	N/A	N/A
HDBaseT	1.0 Class A				1.0 Class B			
Transmission Distance	4K up to 100m ; 1080p up to 150m (Long Reach Mode enable)				4K up to 40m ; 1080p up to 70m			
Long Reach Mode	Yes				N/A			

Comparison Table

Connection	HDBaseT*			
Video Interface	HDMI		HDMI & VGA	
Type	US	MK / EU	US	MK / EU
Model	VE1801UST	VE1801EUT	VE2812AUST	VE2812AEUT
Photo				
Inputs to Outputs	1 Input		2 Inputs	
Max. Resolution / Distance	4K@40m 1080p@70m		4K@100m 1080p@100m	
HDCP	2.2		2.2	
Long Reach Mode**	N/A		• (Active)	
Audio	• (HDMI)		• (HDMI / Stereo)	
RS-232 Channel	•		•	
IR Channel	N/A		•	
POH	N/A		•	
Suggested ATEN Cable	 2L-2910 305M HDBaseT SF/UTP Cat 6 Cable • Supports up to 4K resolution • Verified to meet performance requirements set by HDBaseT Alliance 			

* Ensure high quality maximum distance video transmission with ATEN HDBaseT Cat 6 Cable, 2L-2910.

** Models marked 'Active' provide Long Reach Mode support which can be activated via a switch on the unit.

Cat5 / Cat6 Wall Plate Extenders

ATEN Cat5 / Cat6 Wall Plate Extenders connect via Cat5e/6 cables with support for HDMI up to 1080p@40m / 1080i@60m, DVI up to 1920 x 1200@40m, and VGA up to 1280 x 1024@150m.



Convenient Installation

Provides comprehensive options for different regions with support for US/decora and EU/MK types



Plug-and-Play

Comes in compatible receiver and transmitter pairs designed for efficient plug-and-play setup



Superior Video Quality

HDMI up to 1080p@40m / 1080i@60m,
DVI up to 1920 x 1200@40m,
and VGA up to 1280 x 1024@150m



Equalizer Technology

Features 8 segment equalization switch to compensate for cable attenuation and deliver stable, high quality video signals



- Connection via Cat5e/6 cables
- Remotely powered from either the Transmitter or Receiver
- Video optimization via Adjustable Video Compensation Control (VE156, VE157), and 8-Segment Equalization Adjustment Switch (VE606, VE607, VE806, VE807)
- HDMI support 3D, Deep Color, HDCP compatibility (VE806, VE807)

HDMI/Audio Extender (1080p@40m)

VE806 (US)



VE807 (EU/MK)



DVI/Audio Extender (1920x1200@40m)

VE606 (US)



VE607 (EU/MK)



VGA/Audio Extender (1280x1024@150m)

VE156 (US)



VE157 (EU/MK)



Comparison Table

Connection	Cat 5 / Cat 6					
Video Interface	HDMI		DVI		HDMI & VGA	
Type	US	MK / EU	US	MK / EU	US	MK / EU
Model	VE806	VE807	VE606	VE607	VE156	VE157
Photo						
Inputs to Outputs	1 to 1					
Max. Resolution / Distance	1080p@40m; 1080i@60m		1920 x 1200@40m; 1280 x 1024@60m		1920 x 1200@30m; 1280 x 1024@150m	
HDCP	1.4		1.4		N/A	
Audio	• (HDMI / Stereo)		• (Stereo)		• (Stereo)	
RS-232 Channel	N/A		N/A		N/A	
IR Channel	N/A		N/A		N/A	
POC	Two way		Two way		Two way	
Suggested ATEN Cable	 2L-2801 305M Low Skew Cat 5e Cable • High quality RGB video transmission • Delay Skew: 1 - 350MHz 20nS/100m Max					

Applications

ATEN Wall Plate Extenders can be mounted on tables and walls, which is perfect for diverse applications such as in lecture halls, meeting rooms, and conference rooms where these challenges are faced:

- Extending AV sources across long distances to output devices
- Switching between source inputs without having to interrupt the event in process
- Messy cabling that needs to be hidden out of view



Lecture Halls



Meeting Rooms



Conference Rooms

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