

## FREQUENTLY ASKED QUESTIONS

### Q: Why is the Biamp + AVer partnership important?



A: Unlike typical conferencing microphones, the Biamp Parlé Beamtracking constantly seeks out active speakers. This, paired with features like Acoustic Echo Cancellation and Noise Reduction provided by Biamp Tesira software within the Biamp DSP, ensures a seamless experience. Imagine the dynamic output from a Biamp DSP resembling the ever-changing scenes in a movie like The Matrix.

In the realm of Camera Tracking, the ability to translate this continuous stream of data into camera actions was pivotal. Through our successful integration with AVer, our Parlé microphones—tuned to track signals within the frequency range of human speech—now work seamlessly with a reliable Auto-Camera Tracking solution. This collaboration brings remote participants even closer to the conversation, enhancing their sense of engagement over video calls, and will be available worldwide.

### Q: How does the integration work?

A: The integration is using PTZ Link software running on a computer or the AVer MT300N box. PTZ Link or the MT300N makes a connection to Tesira to read the beam positions and intensities, then recall an associated camera preset and human tracking mode. AVer will use the beam position, intensity, and activity duration to position the camera. The user can configure the intensity threshold, time to recall a preset, and what position to use when multiple zones are active, allowing the integrator to tailor the experience for the room and desired camera tracking behavior. AVer PTZ Link or the MT300N was also customized for Tesira to for 3<sup>rd</sup> party microphone support.

AVer also allows you to select 3 different camera modes, Presenter, Zone or Hybrid, where AI/Presenter tracking can automatically track the presenter, certain pre-configured zones or a mix of both, based on the humanoid-shaped AI analysis technology. For more information, watch the following video:



<https://www.youtube.com/watch?v=ZAH0zqxGMwA>

**\*Note** – Due to variations in conference room size, shape, orientation, and setup, adjustments within PTZ Link are recommended. For assistance with these settings, please contact your local Biamp and AVer rep.

**Q: What AVer products are supported?**

A: PTZ Link software or MT300N

Supported camera models include:

Auto Tracking Cameras		
AVer Camera Model	MSRP (USD)	Key Feature(s)*
DL30: 1080p, 12X optical	\$999	 <b>Human Tracking AI</b>
TR211: 1080p, 12X optical	\$2,099	
PTC310UV2: 4K, 12X optical (US SKU: TR313V2)	\$2,363	
PTC320UNV2: 4K, 21X optical (US SKU: TR323NV2)	\$2,799	
PTC330UV2: 4K, 30X optical (US SKU: TR333V2)	\$3,193	
TR315(N): 4K, 12X optical	\$3,199	
TR315(N): 4K, 12X optical	\$3,499	
TR335(N): 4K, 30X optical	\$3,699	
PTC320UV2: 4K, 21X optical	\$3,699	
TR335(N): 4K, 30X optical	\$3,999	
Voice Tracking Cameras		
AVer Camera Model	MSRP (USD)	Key Feature(s)*
PTZ330U(N)V2: 4K, 30X optical	\$2,200	 <b>Voice Tracking</b>
PTZ330U(N)V2: 4K, 30X optical	\$2,700	
PTZ310U(N)V2: 4K, 12X optical	\$2,900	
PTZ231: 1080p, 30X optical	\$2,900	
PTZ211: 1080p, 12X optical	\$2,900	

\* Additional Features not listed

**Q: What Biamp products are supported?**

A: Configured Tesira systems and Parlé table or ceiling microphones.

AVer cameras + microphone groups	5	25
Microphone channels	8	128
Preset points	256	256

\* For Windows version only.

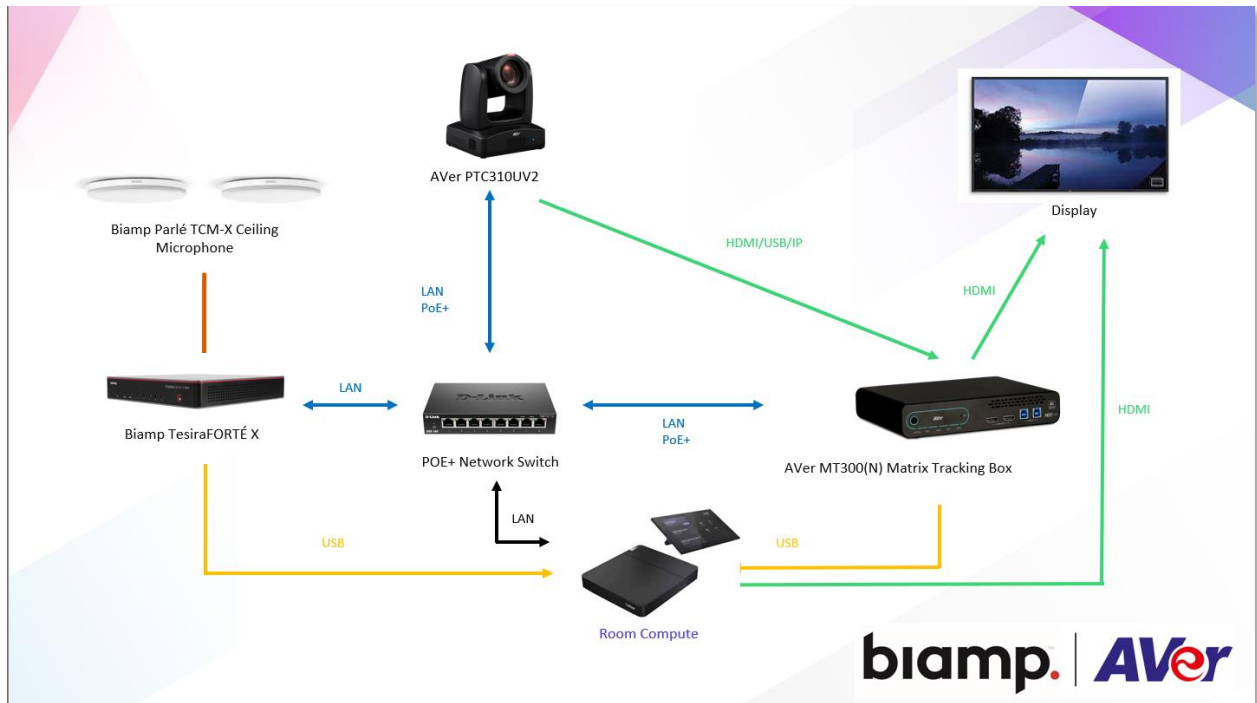
**Q: Are 3<sup>rd</sup> party microphones supported using a Biamp TesiraFORTE DSP?**

A: Yes

## Q: What's the AVer MT300N and is that required for this to work?

A: The AVer MT300N is a Voice Tracking box with USB, NDI|HX2, HDMI, H.264 input and output connectivity, that can accommodate any use case for seamless integration for capture and collaboration. Alternatively, an in-room PC running the AVer PTZ Link software can work in place of the MT300N.

Here's a sample drawing of a Biamp + AVer solution:



## Q: What is the maximum amount of AVer cameras and Biamp microphones supported in the system?

A: Biamp testing was performed using 2x Biamp Parle ceiling microphones using 16 channels. PTZ Link has future support for up to 8x Parle microphones up to 64 channels or 32x Regular microphones via auto mixer logic outputs.

A: AVer: Testing was performed with up to 3 AVer cameras. PTZ Link free version can support up to 5 cameras while PTZ Link Premium: up to 25 cameras. The MT300: up to 7 camera inputs supported. 3x HDMI and 4x (IP streaming or USB connections combination, maximum 3 USB connections)

## Q: How does AVer control Tesira?

A: Network connectivity using Secure Shell (SSH) protocol is used for supporting protected systems.

**Q: What is the difference between the PTZ Link free version and the PTZ Link Premium License? AVer to UPDATE**

A: Maximum supported devices and other features:

Features	PTZ Link Free	MT300N with PTZ Link Premium
IP connectivity	Yes	Yes
USB connectivity	No	Yes
Virtual camera*	No	Yes
Automatic video switching*	No	Yes
Human tracking	No	Yes
Active position	No	Yes

**Q: Where do I find detailed guides about setting up this integration?**

A: Updates to AVer’s documentation and Biamp Cornerstone are coming soon.

**Q: How do I configure Tesira to get Camera Tracking working with AVer?**

A: A downloadable template will be available on Cornerstone soon. This template will have all the hooks needed for AVer software to communicate to Tesira.

**Q: How do I contact AVer for more information?**

A:

USA	
Sales/Marketing	INQUIRY.USA@AVer.com
Tech Support	Support.USA@AVer.com
Toll-free	1 (877) 528-7824
Non-USA	
Sales/Marketing	IPE.SALES@AVer.com
Tech Support	IPE.CS@AVer.com
Online Contact Form	http://www.AVer.com/contact-us-online

**Q: How do I contact Biamp for more information?**

A: [support@biamp.com](mailto:support@biamp.com)

**Q: When is the new PTZ Link software and MT300N firmware update available?**

A: Estimated release is Q1 2024.