

# Video Collaboration 2022 Product Brochure

**zoom**

Certified

Compatible with  
**ClickShare**  
Conference

**BARCO**

# About Us



**AVerMedia**

AVerMedia Technologies specializes in digital video and audio technology. We provide cutting-edge, high-quality audio and video peripherals, professional capturing and streaming solutions, Edge AI technology, video collaboration solutions, and more.

Our mission is to provide an enriched user experience and effective communication in education, content creation, and video communication via innovative and eco-friendly solutions.



## Video Collaboration

AVerMedia video collaboration ecosystem is created to maximize productivity and efficiency with unrivaled ease of use for users—turning any desktop into an instant collaboration space. We provide the right tools for personal and business user to communicate effectively.

Our business product portfolio includes personal and business webcam, AI speakerphone, Classroom AV and video optimization software CamEngine 4. Additionally, our products meet the highest certification or collaboration standards with Microsoft Teams, Zoom, Google Meet and Barco ClickShare.







## Environmental & Social Responsibility

For AVerMedia, environmental protection is a long-term commitment. We have a comprehensive environmental management system and have acquired Green product partner certification, so our customers can be assured that our products are made with the least possible amount of carbon emissions.

In addition, we have held Clean Earth events every year since 2002, in order to provide a good example for our communities.

## Why AVerMedia



### CERTIFICATIONS



### STRONG ESTABLISHED BRANDS

Products sold in over 100+ countries



### MADE IN TAIWAN

Superior manufacturing quality



### GLOBAL PRESENCE



UP TO  
5 YEARS WARRANTY  
(Registration by country)



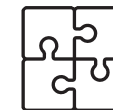
### 30+ YEARS

Own manufacturing facilities  
+ R&D

100's of Patents / OWN I/P



PLUG & PLAY  
Easy setup



### TOTAL SOLUTION

Audio-Video-Software

# Eco-system



## EXECUTIVE OFFICE



**AS311**  
Professional  
AI Speakerphone



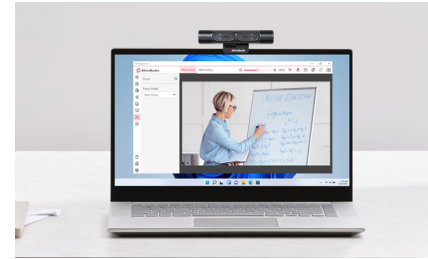
**PW310P**  
1080p30 Autofocus  
Webcam



**PW515**  
4K AI Webcam  
With Ultra-  
Wide Angle

## CamEngine 4 SOFTWARE

AVerMedia CamEngine 4 software is perfectly integrated with AVerMedia webcam, capture card, and control desk. Design for meeting room, online teaching, remote working or learning scenarios to optimize the user experience of video collaboration.



## HYBRID COLLABORATION



**AS315**  
Pocket  
Speakerphone Hub



**PW310P**  
1080p30 Autofocus  
Webcam



**PW313**  
Best-Selling  
Entry Level  
Webcam

## HYBRID TEACHING



**AS311**  
Professional  
AI Speakerphone



**PW313**  
Best-Selling  
Entry Level Webcam



**PW313D**  
Rotatable Dual  
Cam



## PHONE BOOTH SOLUTION



**AS315**  
Pocket  
Speakerphone Hub



**PW310P**  
1080p30 Autofocus  
Webcam



**PW315**  
1080p60 Wide  
Angle Webcam

## HYBRID CLASSROOM



**PW310P**  
1080p30 Autofocus  
Webcam



**AW315**  
Wireless Teacher  
Microphone



**PW313D**  
Rotatable Dual  
Cam



## Huddle Booth Solution



**AS311**  
Professional  
AI Speakerphone



**PW315**  
1080p60 Wide  
Angle Webcam



**PW515**  
4K AI Webcam  
With Ultra-  
Wide Angle

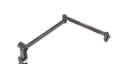
## LIVE STREAMING



**AM330**  
XLR Microphone



**AX310**  
Live Streamer  
NEXUS



**BA311**  
Boom Arm  
Microphone



**PW315**  
1080p60  
Wide Angle  
Webcam



**BU113**  
4K UHD  
Capture Card







**EXECUTIVE OFFICE**  
Effective Meetings and Engaging Collaboration

## We Make Video Meetings Look Professional

Join meetings with vivid, crystal-clear video and audio

### AI Noise Reduction

AI-powered noise reduction identifies and removes distracting sounds that could interfere with meetings.

### Gesture Control

Use hand gestures to easily zoom in, zoom out, and turn on the auto framing, allowing you to manage your meetings' flow without breaking a sweat.

### ePTZ & Auto Framing

Auto framing easily brings up to 4 people into the image, while auto tracking with 4x digital zoom and Pan Tilt keeps the focus on whoever is speaking.

## TOP SELECTION

### PW310P

Main Stream Webcam with Autofocus



FULL HD  
1080P  
1080p  
30fps



Look professional with this 1080p FHD business webcam. When used with our CamEngine app you can adjust contrast, hue, saturation, and more, ensuring you look professional in conference calls.

### PW515

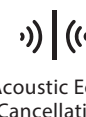
4K AI Webcam With Ultra-Wide Angle



This premium 4K webcam provides incredible color and clarity. Automatic low-light compensation and brilliant color ensures meetings feel lifelike. In addition 4K resolution lets users zoom in up to 4x with no loss in quality.

### AS311

Professional AI Speakerphone



Upgrade your audio conferences with professional-quality audio and AI noise reduction. Unique AI technology suppresses distracting background noises so users are heard with total clarity and no time is wasted on miscommunication.

# We Make Remote Working More Effective

Enterprise-quality video & audio- with no hassle

## Adjustable Video

Adjust settings such as brightness, contrast, sharpness, and more to get the ideal appearance in any environment.

## Adjustable Focus

Our solution provides the option of automatic, manual, or fixed focus, so you can select the best option for your meeting environment and ensure you never appear blurry.

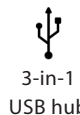


**HYBRID COLLABORATION**  
Be Productive At Any Location

## TOP SELECTION

### AS315

Pocket Speakerphone Hub



3-in-1  
USB hub



AI Noise  
Reduction



360° Audio  
Coverage

The AS315's compact and lightweight design provides productivity on the go. Using its HDMI and USB-C port users can easily transmit data, video, audio and power. You can connect to laptop or tablet while get on a conference call.

### PW313

Best-Selling Entry Level Webcam



FULL HD  
1080P  
1080p  
30fps



73°  
FOV

Join meetings with lifelike video and little effort. The best-selling PW313 features full HD video, a versatile design, and adjustable video via our CamEngine app.

### PW310P

Main Stream Webcam With Autofocus



FULL HD  
1080P  
1080p  
30fps



73°  
FOV

Join video calls with co-workers in a flash with this plug and play autofocus webcam. The PW310P provides vivid full HD video in any environment, so you can look your best in every video conference.

### AH313

Personal Connections USB Headset



all-day  
comfort



Instant  
Collaboration

The AH313 ensures long-lasting comfort thanks to its ergonomic design. With a high-quality over-ear design you can immerse yourself in your work regardless of location.



# We Make Video Conferencing More Interactive

Join meetings with vivid, crystal-clear video and audio



## PHONE ROOM SOLUTION

Keep productivity at the maximum with ultra-clear video and audio.

### ePTZ & Auto Framing

Auto framing easily brings up to 4 people into the image, while auto tracking with 4x digital zoom and Pan Tilt keeps the focus on whoever is speaking.

### AI Noise Reduction

AI-powered noise reduction identifies and removes any ambient sounds that could interfere with smooth communication.

### Gesture Control

Use hand gestures to easily control and turn on the auto framing function. Easily switch and control the meeting rhythm we want.

## PHONE BOOTH SOLUTION

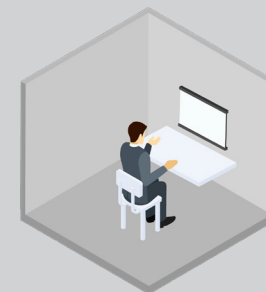
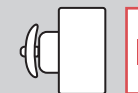
Lifelike Conferencing in One-Person Rooms

Display

Camera

Accommodates <2 PEOPLE

Meeting space 2M x 2M



### PW310P

Main Stream Webcam With Autofocus



Get crystal-clear 1080p video for one-on-one meetings in a simple-to-use, plug and play USB webcam. The PW310P takes seconds to set up, making it the perfect for mass deployment.

FULL HD  
1080P

1080p  
30fps



73°  
FOV



Auto  
focus

### PW315

Full HD 1080p Wide Angle Webcam



Upgrade your video conferences with the PW315. This 1080p business webcam provides detailed, lifelike video and, when used with the CamEngine app, advanced features such as digital Pan Tilt Zoom and auto-framing.

FULL HD  
1080P

1080p  
60fps



95°  
FOV

### AS315

Pocket Speakerphone Hub



Enjoy a seamless conferencing experience with USB plug and play. The AS315's built-in acoustic echo cancellation removes echo and reverberation to deliver clear conversations even in small, compact rooms.



3-1  
USB Hub



AI Noise  
Reduction

# We Make Video Collaboration More Productive



## Huddle Room Solution

Get Everyone Involved in Small Meeting Rooms

## Huddle Room Solution

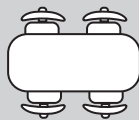
Get Everyone Involved in Small Meeting Rooms

Display

Camera

Accommodates <5 PEOPLE

Meeting space 4.5M x 4.5M



## TOP SELECTION

### AS311

Professional AI Speakerphone



Acoustic Echo  
Cancellation



AI Noise  
Reduction

Simply plug the AS311's speakerphone into your computer's USB port and start conferencing right away. 360° audio coverage picks up natural audio within 3 m/9.8', so users can hear every word from all participants.

### PW315

Full HD 1080p Wide Angle Webcam



FULL HD  
1080P  
1080p  
60fps

95°  
FOV

This 1080p webcam is built for business. It offers ultra- fast 60fps for clear, smooth presentation and conferencing. Its advanced digital Pan Tilt Zoom and auto framing keep meetings focused on whoever is speaking, all in High Definition quality.

### PW515

4K AI Webcam With Ultra-Wide Angle



4K

4K/30 fps,  
1080p/60fps

100°

FOV

Keep your whole time in view with an ultra-wide 100° field of view. High dynamic range ensures lifelike lighting while auto framing automatically brings all meeting participants in the frame.



# We Make Hybrid Teaching More Engaging

Help Teachers engage with students easier then ever

## TOP SELECTION

### AS311 Professional AI Speakerphone



The AS311 AI-powered speakerphone picks up and broadcasts sharp sound in all directions (up to 9.8 ft/3m), so teachers can comfortably walk around the room while communicating clearly with their class.



360° Audio  
Coverage



AI Noise  
Reduction

### PW313 Best-Selling Entry Level Webcam



The PW313 combines vivid full HD video with 360° swivel, allowing teachers to capture video from any angle. With USB plug and play teachers can start class right away- no technical support needed.

FULL HD  
1080P  
1080p  
30fps



73°  
FOV

### PW313D Rotatable Dual Cam



The PW313D allows teachers to simultaneously stream both teaching materials and themselves, empowering them to create engaging lessons and virtual demonstrations for remote, hybrid, and in-person students alike.



L: 1080p/30fps  
R: 2k/30fps



Auto  
Focus

### AH313 Personal Connections USB Headset



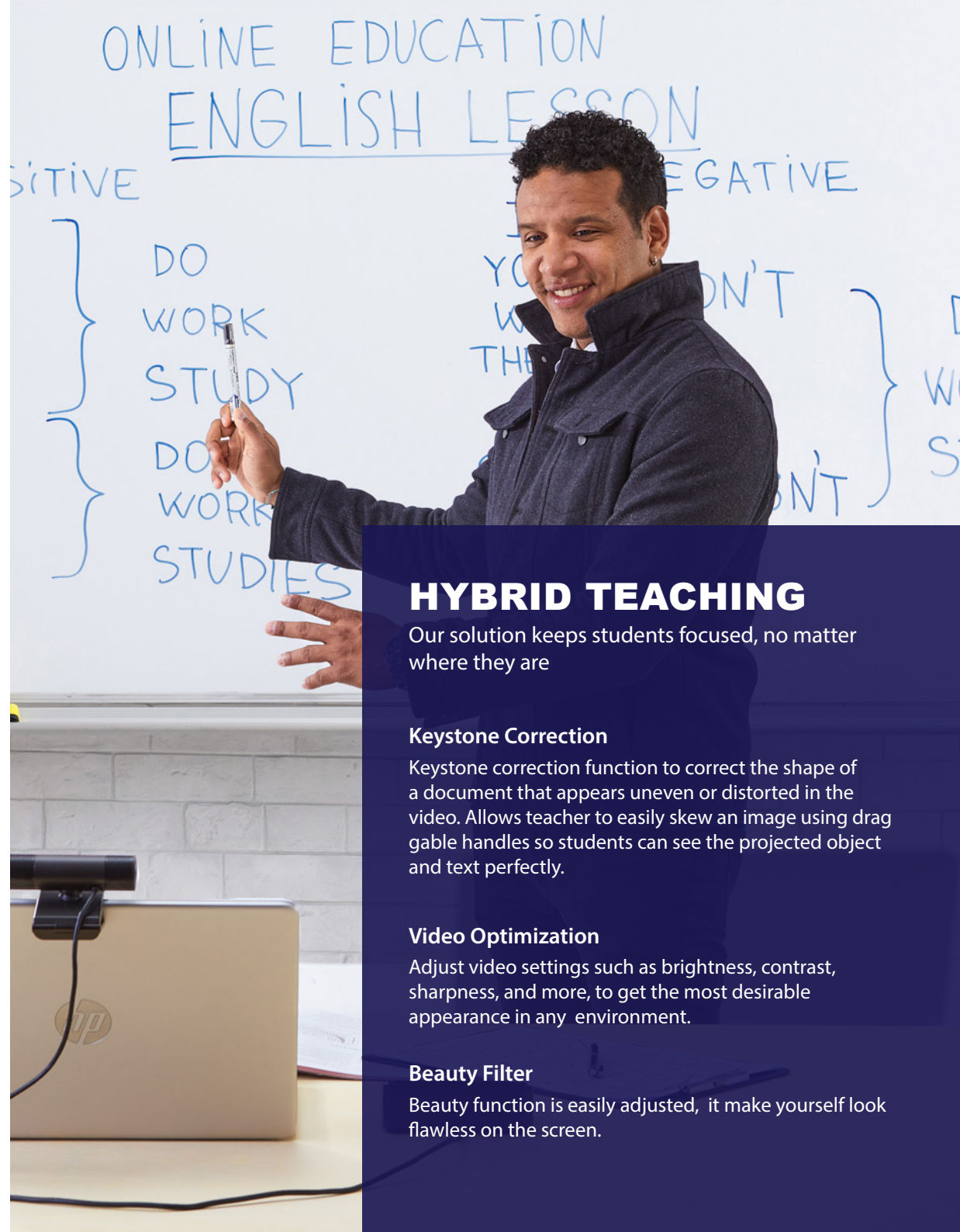
This comfortable noise-canceling USB headset is ideal for teaching in shared spaces. Engage with students using stereo audio while maintaining great flexibility and comfort.



all-day  
comfort



Instant  
Collaboration



## HYBRID TEACHING

Our solution keeps students focused, no matter where they are

### Keystone Correction

Keystone correction function to correct the shape of a document that appears uneven or distorted in the video. Allows teacher to easily skew an image using drag gable handles so students can see the projected object and text perfectly.

### Video Optimization

Adjust video settings such as brightness, contrast, sharpness, and more, to get the most desirable appearance in any environment.

### Beauty Filter

Beauty function is easily adjusted, it make yourself look flawless on the screen.

# We Make Hybrid Classrom More Engaging

Help Teachers engage with students easier then ever

## Keystone Correction

Keystone correction function to correct the shape of a document that appears uneven or distorted in the video. Allows teacher to easily skew an image using drag gable handles so students can see the projected object and text perfectly.

## Video Optimization

Adjust video settings such as brightness, contrast, sharpness, and more, to get the most desirable appearance in any environment.

## Beauty Filter

Beauty function is easily adjusted, it make yourself look flawless on the screen.



## TOP SELECTION

### AW315

Wireless Teacher Microphone



Smart  
Pairing



2.4 GHz  
Wireless

This hands-free microphone gives teachers total freedom to move around the classroom and work with students, with noise and buzz reduction ensuring communication is unhindered.

### PW313D

Rotatable Dual Cam



L: 1080p/30fps  
R: 2k/30fps



Auto  
Focus



Dual  
Mic.

Enrich classroom lessons with the PW313D Dual Cam. This webcam's two cameras can be separately rotated to different angles to easily capture students and the teacher, or teaching materials. Using our CamEngine app's Keystone Correction feature, teachers can correct skewed images so they can be easily understood by students.

### PW310P

Main Stream Webcam With Autofocus



1080p  
30fps



73°  
FOV



Auto  
focus

The PW310P combines 360° rotation with crystal-clear full HD video so teachers can capture video from any angle and share sharp, lifelike images. Our free CamEngine app provides a range of features to further enrich lessons, like zoom, snapshot, and image freeze.





## The **Ultimate** Streaming Set-Up

Tie everything together, from concept to the final production without compromise. These are the tools that'll make it happen.

## We Make Streaming Exciting

Show off your gaming setup as well as your skills

### Video Optimization

In addition to use the basic setting like brightness, contrast or color temperature. Our advance HDR features can adjust your color dynamic range and correcting underexposed areas. Make your stream looks like a pro.

### NVIDIA® RTX Virtual Background

Seamlessly remove users' video background, enabling immersive environments with custom image, video or live gameplay in their background.

### Auto Framing And ePTZ

AI-framing features can perfectly capture everyone in the frame and always keep you in the middle of the screen.

## TOP SELECTION

### PW315

Full HD 1080p Wide-Angle Webcam



FULL HD  
1080P  
1080p  
60fps

95°  
95°  
FOV

Hyper-fast frame rate for lifelike interaction. With 1080p60fps deliver a good level of visual fidelity that's as sharp as it is smooth, can clearly capture your every movement without lagging.



### PW513

4K Ultra HD Webcam



**4K**  
4K/30 fps,  
1080p/60fps

94°  
94°  
FOV

The PW513 provides superior 4K resolution and accurate color for streamers and creators. Its USB 3.0 interface transfers uncompressed video with the lowest possible latency. Our free CamEngine app provides access to digital Pan Tilt Zoom and speaker tracking, so you can keep the focus on yourself or important details.



# Specifications



Webcam Series	Good		Better		Best	
Model	PW313	PW310P	PW315	PW313D	PW513	PW515
Highlights	Best selling webcam for personal use	Affordable webcam with autofocus	1080p60 Wide Angle	Dual cam with Flexible rotation	4K UHD webcam with wide angle	4K UHD AI webcam with ultra - angle
USB	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0 / 3.0	USB 2.0/ 3.0
Resolution/fps	1080p/30fps	1080p/30fps	1080p/60fps	Left: 1080p/30fps Right: 5MP/30fps	4K/30 fps , 1080p/60fps	4K/30 fps, 1080p/60fps
Field of view	73°	73°	Wide 95°	Left: 73° ; Right: 76°	Wide 94°	Ultra-Wide 100°
Focus method	Fixed-focus	Audio focus	Fixed-focus	Autofocus	Fixed-focus	AutoFocus
Microphone type	Omnidirectional stereo	Omnidirectional stereo	Omnidirectional stereo	Dual Mono Microphones	Omnidirectional stereo	Omnidirectional stereo
Mic. Coverage	3 m / 9.8 ft					
ePTZ	No	No	Yes	No	Yes	Yes
Advance features	Skin Filter, AR Effect	-	Skin Filter, AR Effect ePTZ Virtual Background AI Acoustic Noise Reduction	Keystone Correction Skin Filter, AR Effect Virtual Background Keystone Correction Picture in Picture AI Acoustic Noise Reduction	Skin Filter, AR Effect ePTZ Virtual Background AI Acoustic Noise Reduction	Skin Filter, Auto-framing AI Gesture recognition Auto Face Exposure HDR Acoustic Noise Reduction
Software support	CamEngine, Cisco Webex, Microsoft Teams, ZOOM, OBS, StreamLab OBS, Skype, Slack, Google Meet, Lifesize, Amazon Chime, Whereby Youtube, Facebook, FaceTime					
Other features	USB Plug & Play, Video setting adjustment, Image flip and mirror, Privacy Shutter, 360* Swivel, and ¼" thread tripod mount					
Designed for	Video calls and distance learning	Remote working and distance learning	Video conferencing, remote teaching, and live streaming	Hybrid teaching, whiteboard interview, and live streaming e-commerce	Video conferencing, live streaming, and content creation	Video conferencing, live streaming, and content creation



Specifications



Audio Series	Good	Better	Best
Model	AS111	AS311	AS315
Highlights	Pocket Speakerphone	Professional AI Speakerphone	Pocket Speakerphone Hub
Connection Type	USB-A	USB-C to USB-A	USB-C
Power Supply	5 V / 0.5 A		
Speaker	3W ( max.)		
Speaker Frequency Response	150 Hz – 14 kHz		
Mic. coverage	360 degrees, omni-directional		
Mic. Sensitivity	-30 dB V/Pa at 1 kHz	-29 dB V/Pa at 1 kHz	-30 dB V/Pa at 1 kHz
Mic. Pickup Range	3 m / 9.84 ft. (unobstructed)		
Weight	126.8g (0.28lb)	195 g (0.42 lb.)	145.4g (0.32lb)
Dimensions	3.78x1.10 in./ 96mm x 28mm	4.7 x3.1x1.6 in/ 120x80x40 mm	3.78x1.10 in/ 96mmx 28mm
Advance Features	Light weight, Intuitive volume controls, Echo cancellation, Cable management	AI-Power noise reduction, Intuitive call controls, Echo cancellation	AI noise reduction , Intuitive volume controls, Echo cancellation, Cable management, HDMI and USB ports
Design for	Audio calls and distance learning	Remote working and distance learning	Video Conrefercing
Other Features	AI-Power noise reeducation ,Intuitive call controls, Echo cancellation, Cable management	AI-Power noise reeducation ,Intuitive call controls, Echo cancellation	AI-Power noise reeducation ,Intuitive call controls, Echo cancellation, Cable management



Model	AH313
Highlights	Personal Connections USB Headset
Headset	
Driver Diameter	Ø 40 mm
Frequency Response	20 – 20,000 Hz
Impedance	32 Ω
Sensitivity	114 ± 3 dB
Cable Length	2.2 m / 7.21 ft
Advance Features	Volume control, Fordable space saving, Detachable Microphone
Microphone	
Pickup Pattern	Omnidirectional
Impedance	≤ 2200 Ω
Sensitivity	-44 ± 3 dB
Capsule Diameter	Ø4mm x1.5mm
Dimensions	168 x 204 x 86 mm /6.61 x 8.03 x 3.38 in)
Capsule Diameter	Ø4mm x1.5mm
Dimensions	168 x 204 x 86mm (6.61 x 8.03 x 3.38 in)



Model	AW315
Dual Mic	Yes
Transmission	2.4GHz
RF Frequency Range	2.4~2.483 GHz
Operating range (Line of sight)	15-20 meters (50-65 feet)
Audio Frequency Response	100Hz ~8kHz
Mic. Sensitivity	-39dB ref. 1K@1V
Latency (ms)	28ms
Mic. Battery Life	350mAh Lithium Rechargeable (8 hours)
Mic. Fully Charging Time	2-3 hours
Mic. Input	5V 200mA
Power Supply	5V/2A
Mic. (TX) I/O	Micro USB, Audio Input
Receiver (RX) I/O	Audio Input Audio Output(3.5/6.3mm) Mode Switch Auto pairing with up to 2 Mics
Wall Mount	Yes
Size/Weight	Microphone.: 0 x 80 x 25mm/32g(1.18 x 3.15 x 0.98in/ 1.13oz)  Receiver: 135 x 71.16 x 23.6mm/146g(5.31 x 2.80 x 0.93in/ 5.15oz)

# Build the Future of Work with Us

Our industry is becoming more global, dynamic, and customer-driven than ever before. Our quest for customer satisfaction is driven by everyone working with AVerMedia; to solve your problems with practical and proven solutions.

The world is seeing some light at the end of the tunnel for coronavirus; we sincerely hope it's the beginning of the end of the pandemic. However, moving forward, we believe the hybrid workplace is here to stay for good. So, it's time to develop your hybrid work strategy—we're here to help.

Partner with us! Let's build the future of work together.

Contact our sales for free trials, bulk ordering special offer, and customized solutions for your customers.

For more information, visit the AVerMedia Video Collaboration page at <https://www.avermedia.com/>





