

Video Conferencing Kit

AVS200

All-in-One Video Conferencing System



System Components



PTZ Camera



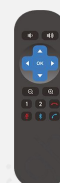
Speakerphone



Hub



Expansion Mics (Optional)



Remote

Features

All-in-One Design

The AVS200's all-in-one design ensures effortless connectivity, requiring just a single USB port to activate its PTZ camera, speakerphone, and USB connection hub. This compact, integrated solution is perfect for conference rooms with up to 20 seats, enabling a seamless upgrade from traditional meeting setups to online or hybrid meetings with ease.



PTZ Camera for High-Quality Video

Equipped with an HD PTZ (Pan-Tilt-Zoom) camera, the AVS200 delivers a premium video experience with 1080P resolution at 30fps. Its 12X optical zoom captures the smallest details with exceptional clarity, ensuring all participants are clearly visible. The smooth pan-tilt-zoom controls and adjustable angles ensure that every participant is vividly present, no matter where they are seated in the room.

Integrated Audio System

Featuring four built-in microphones, the AVS200 offers a sound pickup radius of up to 4m/13ft. Advanced acoustic echo cancellation and noise reduction technology ensure crystal-clear audio quality, minimizing distractions like keyboard clicks while emphasizing natural human voices. The integrated speaker delivers clear, uninterrupted communication, creating a professional audio experience ideal for virtual meetings, webinars, and video conferences.



Compact USB Hub for Easy Connection

The AVS200's USB hub simplifies connection setups with plug-and-play functionality, allowing your conference room to connect seamlessly to mainstream online conferencing platforms. This straightforward setup eliminates the hassle of complicated wiring and ensures a smooth operation every time.

Compatible with All Video Conferencing Platforms

The AVS200 is fully compatible with all major video conferencing software, including Zoom, Microsoft Teams, Skype, and more. It offers a worry-free experience that integrates seamlessly to your conference experience.



Expansion Mics for Larger Rooms

For larger conference rooms, the AVS200 supports two optional expansion microphones. These expand the sound pickup range from 4m/13ft to 6m/20ft, ensuring that voices from any corner of the room are heard clearly. The expansion mics provide more possibilities to accommodate more room sizes and layouts.

BYOM (Bring Your Own Meeting)

By pairing the AVS200 with the IQShare system, you can unlock its powerful BYOM (Bring Your Own Meeting) functionality. This feature allows participants to wirelessly connect and control the AVS200's camera, microphone, and speaker directly from their own devices. Whether presenting or collaborating, BYOM ensures that everyone can contribute effortlessly, fostering greater flexibility and collaboration.



Specifications

Models	AVS200
PTZ Camera	
Sensor	1/2.7", CMOS
Effective pixels	2.07M
Video format	1080P, 720P, 540P, 480P, 360P, 240P etc
Optical zoom lens	12x, f=3.5mm ~ 42.3mm
View angle	Horizontal Angle of View: 72.5° ~ 6.9° Vertical Angle of View: 44.8° ~ 3.9°

Aperture value	F1.8 – F2.8
Digital zoom	16X
Minimum illumination	0.5Lux (F1.8, AGC ON)
DNR	2D&3D DNR
White balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Focus	Auto/Manual/One Push
Aperture/Electronic shutter	Auto/Manual 1/30s ~ 1/1000s
BLC	Support
WDR	OFF/ Dynamic level adjustment
Video adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	≥55dB
Rotation angle	Horizontal Rotation Range:±170° Vertical Rotation Range: -30° ~ +90°
Control speed	Pan Speed Range: 1.7° ~ 100° /s / Tilt Speed Range:1.7° ~ 69.9° /s
Dimension	144mm x 144mm x 167.9mm

Speakerphone

Voice technical parameters	Acoustic echo cancellation (AEC)	>65dB
	Echo length cancellation	≥500ms
	Bidirectional noise compression (NC)	<25dB
	Automatic direction finding technology of intelligent microphone (EMI)	
	Automatic gain control (AGC)	

Audio parameters	Microphone frequency response	100Hz-22KHz
	Speaker frequency response	100Hz-22KHz
	Speaker volume	90dB at the most
	Microphone sound-pickup radius	4 meters
	Direction	360 degrees full range

Bluetooth	Available
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IR reception	Angle: 360° Distance: 10m IR Transparent transmission available
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Dimensions	180mm×180mm×42mm(L×W×H)
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Hub

Interface	DIN6 interface ×2 Power interface ×1 Power switch ×1 USB 3.0 interface×1
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Power supply	Power plug(DC12V) Adapter input AC100V-AC240V,output DC12V/2A
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Connection cable	DIN6 data line × 2 Length: 5m
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USB cable	USB cable
Compatibility	Support Windows, Android, iOS and Linux Drive-free automatic recognition of cameras, Microphones and speakers Compatible with Zoom, Lynch, Vidyo, Skype for business and etc.
Dimensions	113.6mm×113.6mm×32.6mm(L×W×H)
Expansion Mic	
Mute button	Green light : microphone is working Red light : microphone is muted
Frequency response	100Hz-22KHz
Pick-up range	3 meters
Network & Ports	2× RJ9 expansion microphone ports
Dimensions	100 mm x 40 mm, with mute button and indicator
Accessories	2× extension microphone cables with 2.5 meters


*Specifications are subject to change without notice. *All dimensions±1cm.

For better interaction, we suggest you using AVS200 together with:

Hardware




IQTouch




IQShare


Software



ZOOM



Skype



GotoMeeting

Returnstar Interactive Technology Group CO., LTD.

6th Bldg. High-Tech Base. Fuzhou Fujian Prov. China

www.IQBoard.net 0086-591-38202660

IQBoard@IQBoard.net 0086-591-38203003

