



## VA210 - Video Conferencing System Kit

VA210 is a perfect conference solution that combines audio and video. It applies advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition. The audio adopts the international advanced new-generation high-definition voice processing technology with clear and smooth sound quality and strong environmental adaptability. It can provide participants with smooth and natural audiovisual effects whenever and wherever, and provide a comfortable and immersive experience for teleconferencing and other applications.



VA210-V



VA210-A



VA210-H

### Key Features



- 1/2.9 inch high quality CMOS sensor. Resolution is up to 1920x1080. Low Noise CMOS effectively ensure high SNR of camera video.



- 3x zoom lens and 10x zoom lens are available, with 85° wide view angle without distortion.



- Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.



- Adopting high accuracy step motor and motor driving controller to make extremely quiet and smooth rotation.



- Support AEC(Acoustic Echo Cancellation), AGC(Automatic Gain Control), NC(Bidirectional noise compression), Automatic Direction finding Technology of Intelligent microphone(EMI), Zero damage compression in vocal full frequency domain



- Built-in 4 single-point microphones, composed of 360-degree omni-directional audio-pickup, 6m sound-pickup diameter, external microphone is available, up to 10m sound-pickup diameter.



- USB plug-and-play, supports various online conference software platforms such as WeChat, Skype for Business, Zoom, Vidyo, etc.



- Built-in Up/Down, Left/Right, Answer, Hang up, Bluetooth, Presets, and other keys. Centralized connecting with the centralized controller VA200-H, the wiring is simpler and nicer.

## TECHNICAL SPECIFICATION

Spec/Model NO.	VA210-V Full HD PTZ Camera	
Sensor	1/2.9 inch high quality HD CMOS sensor	
Effective Pixels	2.07M, 16: 9	
Optical zoom lens	3X Optical zoom f=3.35~10.05mm	10X Optical Zoom f=4.34~41.66mm
View angle	30° (tele) 85° (wide)	8.8° (Tele) 68.8° (Wide)
Aperture value	F1.7 – F3.0	F1.85 – F2.43
Digital Zoom	10X	
Minimum Illumination	2D & 3D DNR	
DNR	0.5Lux(F1.8, AGC ON)	
White Balance	Auto / Manual/ One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K	
Video Format	1920×1080P@30 fps/25fps; 1280×720P@30fps/25fps; 1024×576P@30fps/25fps; 960×540P@30fps/25fps; 800×448P@30fps/25fps; 640×360P@30fps/25fps;320×176P@30fps/25fps	
Focus	Auto/Manual/One Push	
Aperture/Electronic Shutter	Auto/Manual	
BLC	ON/OFF	
WDR	OFF/ Dynamic level adjustment	
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve	
SNR	>55dB	
Rotation angle	Pan: -170°~+170°, Tilt:-30°~+90°	
Control speed	Pan: 0.1 ~60°/sec, Tilt:0.1~30°/sec	
Preset speed	Pan: 60°/sec, Tilt: 30°/sec	
Dimension	156.8mm×112.6mm×139.5mm (L×W×H)	

Spec/Model NO.	VA210-A Wireless Speakerphone
Voice technical parameters	Acoustic Echo cancellation (AEC) : >65dB
	Echo length cancellation : ≥400ms
	Bidirectional noise compression (NC) : <25dB
	Automatic Direction finding Technology of Intelligent microphone (EMI)
Audio parameters	Automatic gain control (AGC)
	Microphone frequency response: 100Hz-22KHz
	Speaker frequency response: 100Hz-22KHz
	Speaker volume: 95dB at the most
Bluetooth	Microphone sound-pickup diameter: 6 meters, 360 degrees full range
	Bluetooth devices available
IR Reception	Angle: 360°
	Distance: 10m
External Mic (optional)	IR Transparent transmission available
Dimensions	2 external microphones can be connected, making the sound-pickup diameter up to 10 meters
	200mm×200mm×55.9mm(L×W×H)

Spec/Model NO.	Centralized Controller VA210-H
Interface	Mini DIN6 ×2
	Power interface×1
	Power switch×1
	Mini USB interface×1
Power supply	EC3800 plug(DC12V)
	Adapter input AC110V-AC220V output DC12V/1.5A
Data line	Mini DIN6 data line ×2
USB cable	Length: 5m (10m/15m for options)
Compatibility	USB2.0 cable (3m)
	Support Windows, Andriod, iOS and Linux
Dimension	Drive-free automatic recognition of cameras, microphones and speakers
	Compatible with Zoom, Lynch, Vidyo, etc.
Accessories	120mm×74mm×34.5mm(L×W×H)
	Power adapter, USB2.0 cable, Remote controller, two DIN6 connection cables, user manual

## DIMENSION(MM):

