



# IQConference Camera

## CV230

IQConference Camera CV230 offers perfect functions and superior performance. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition. Working stably and reliably; easy and convenient to install and maintain.



1080P



88° wide field of view



built-in mic



USB plug&play



## Features



### Superb High-definition Image

with high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 30fps



### Stereo sound

Built-in pick-up to present clear stereo sound effect, no need to connect external device



### USB2.0 interface

Plug and play function is better for power supply and upgrading



### Multiple Video Compression

Support H.264/H.265, MJPEG, YUV video compression to make video play smoothly



### Wide FOV

80° wide angle and small distortion lens for options



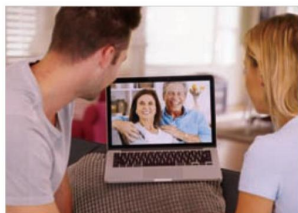
### Multiple installation

Easy to install on any device (e.g., LCD screen, laptop, table or tripod)

## Industrial applications



Individuals: Online live streaming



social: Video call



Enterprises: Video conferencing



Education: Remote video education

## Specifications

Sensor	high quality HD CMOS sensor
Effective Pixels	16: 9 2.07 megapixels
Video Format	960x540/320x180/432x240/640x360/800x448/800x600/864x480/960x720/1024x576/ 1280x720/1600x896/1920x1080/272x144/368x208/384x216/480x272/624x352/ 912x512/424x240/640x480/320x240/160x120/P30
View angle (default)	88 ° (D) / 80 ° (H) / 50 ° (V)
Focal length (default)	3.24mm
Focus	Fixed
Aperture	Fixed
Backlight contrast	On/OFF
Minimum illumination	0.5 Lux (F1.8, AGC ON)
Exposure	Exposure parameter could be adjusted; support auto exposure
Video Adjustment	Brightness,Color,Saturation,Contrast,White balance mode, Gain, Anti-flicker,Low brightness compensation etc
SNR	>50dB

Input/Output Interface	
Video Interfaces	USB2.0 (power supply, upgrading available)
Video Compression Format	MJPEG、YUV、H.264、H.265
Audio Input Interface	Built in omnidirectional high sensitive digital pickup

Other Parameter	
Input Voltage	USB2.0 (power supply, upgrading available)
Input Current	MJPEG、YUV、H.264、H.265
Power consumption	Built in omnidirectional high sensitive digital pickup
Store Temperature, Humidity	-10°C ~ +60°C、20% ~ 95%
Working Temperature, Humidity	-10°C ~ +50°C、20% ~ 80%
Dimension (WXHXD)	102mm*46mm*30mm
Weight (appx.)	0.15kg
Application	Indoor
Accessory	User Manual, Warranty card

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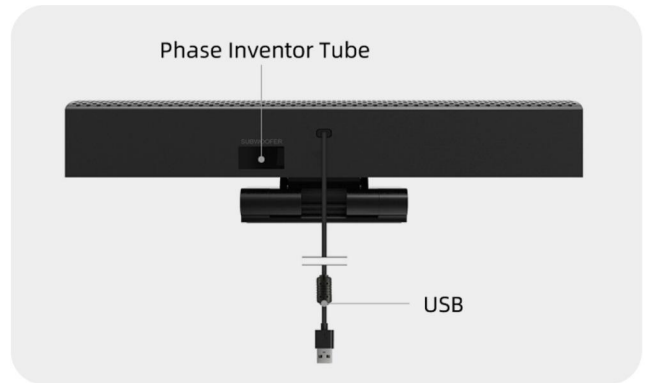
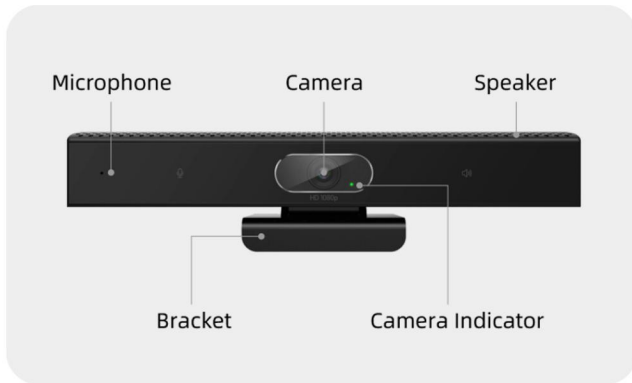
# IQConference Camera

**CV270**

Your first video conferencing camera. More than a camera.



## Product details



## Features



3in1 USB webcam integrated with camera, microphone and speaker for easy installation



Full HD 1080P resolution @30 fps to ensure clear image



Built-in microphone arrays with voice pick-up range up to 3 meters



Built-in HiFi speaker with AGC and AEC for optimized audio experience



Compatible with Windows 7/8/10, Android, Mac OS, Linux, etc.



Works seamlessly with most video conferencing software (e.g., In&Join, Zoom or Webex)

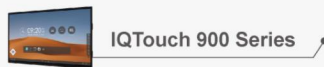
# Specifications

Name		IQConference Camera
Model		CV270
Camera	Sensor	CMOS (Sony IMX307 )
	Sensor size	1/2.7
	Lens	F2.6±5% f=2.6mm
	Resolution	200 mega-pixel
	Focus	Fixed
	Video format	MJPEG/H264(Support dual stream)
	Video resolution	1920×1080/30fps
	Photo resolution	1920×1080/30fps
	View angle:	Horizontal 86°, diagonal angle 94°, vertical angel 55°
	Minimum illumination	350Lux
	Aperture / brightness / contrast	Automatic
	Minimum shooting distance	50cm
	White balance	Automatic
Frame rate	30fps ( MJPG ) Max	
Speaker	Maximum power	2W
	Frequency range	20Hz ~ 20KHz
	Impedance	4Ω
Microphone	Directivity	Omnidirectional
	Sensitivity	-35dBFS
	Frequency range	20Hz~20kHz
	Voice pick up range	3m~5m
Interface		USB2.0
USB cable length		1.8m
Compatible OS		Windows:10, 8.1, 8, 7 / Mac OS / Ubuntu
Power consumption		5V/500mA
Product size		230*60*56mm

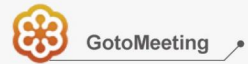
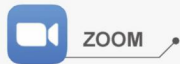
\*Specifications are subject to change without notice. \*All dimensions±1cm.

**For better interaction, we suggest you using IQConference Camera together with:**

## HARDWARE



## SOFTWARE



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# IQConference Camera CV410

IQConference Camera is specifically designed for video meetings in education or business. It supports 4K UHD and Super-wide 120-degree field of view. Standard equipped with rotating shaft support, suitable for most of market display, easy to install, stable and reliable.



Super-wide 120-degree field of view enables everyone in the room to be seen, even people sitting close to the camera or at the edges of the room; Sensitivity: -27dB



Support WDR, easy to cope with different lighting environment, even in the harsh environment IQConference Camera can restore the real image.



4K Ultra HD, ultra-high definition with ultra-high resolution.



With high Image SNR, it can keep the picture clean and clear even in ultra-low illumination.



EPTZ Function with up to 4X digital zoom.



Built-in dual Microphone and advanced Echo Cancellation Supported.



## Specification

<b>Name</b>	IQConference Camera
<b>Model</b>	CV410
<b>Image Sensor</b>	1/2.5 Inch High Quality 4K CMOS Sensor
<b>Effective Pixels</b>	8.28MP, 16:9
<b>Video Output</b>	USB3.0, Type B.
<b>Video Resolution</b>	<p>Main Stream:</p> <p>3840×2160P@30fps, 1920×1080P@30fps/25fps, 1280×720P@30fps/25fps</p> <p>Sub Stream:</p> <p>1280×720P@30fps/25fps, 640×480P@30fps/25fps, 320×172P@30fps/25fps</p>
<b>View Angle</b>	126°(D)/120°(H)/85°(V)
<b>Focal Length</b>	f=2.72mm
<b>Iris</b>	F2.5
<b>Minimum Illumination</b>	0.1Lux(F1.8, AGC ON)
<b>Digital zoom</b>	4X

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For better interaction, we suggest you using IQConference Camera together with:

### HARDWARE

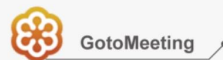
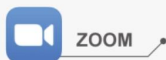


IQConference Microphone S500



IQConference Microphone S310

### SOFTWARE



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# IQConference PTZ Camera CV800



Lifelike and Crystal Clear Image Effect  
Strong Sense of Depth  
High Resolution  
Outstanding Color Rendition

Full HD Image  
Multiple Optical Zoom Lens  
Multiple Video Outputs  
Advanced ISP Technology and Algorithm  
Stable, Reliable and Perfect Compatibility  
Easy to Install and Maintain



## Specifications

IQConference PTZ Camera	
Model Number	CV800
<b>Camera</b>	
Image Sensor	1/2.8 Inch High Quality CMOS Sensor
Effective Pixels	2.07MP, 16:9
Video Format	<b>USB3.0 Video Output Format</b> 1) USB3.0: 1920X1080P60/50/30/25; 1280X720P60/50/30/25; 960X540P30; 640X360P30; 640X480P30; 352X288P30; 960X540P30; 800X600P30 2) USB3.0(USB2.0Supported):960X540P30;640X360P30;1280X720P10/15;720X576P50;720X480P60; 640X480P30; 352X288P30; 800X600P30 <b>USB2.0 Video Output Format</b> 176x144/320x240/320x180/352x288/640x480/720x480/720x576/640x360/800X600/960X540/1024X576 /1024X768/1280X720/1920X1080P30/25/20/15/10/5
Optical Lens	10X Optical Lens f=4.7~47mm
View Angle	6.43°(Tele) 60.9°(Wide)
Iris	F1.6 – F3.0
Digital Zoom	X10
Low Illumination	0.5Lux(F1.8, AGC ON)
DNR	2D&3D DNR
White Balance	Auto/Manual/One Push//3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto / Manual/ One Push
Electronic Shutter	Auto / Manual
BLC	On/Off
WDR	OFF/ Dynamic Level Adjustment
Video Adjustment	Brightness, Hue, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
<b>Interface and Protocol</b>	
Interface	USB3.0, LAN, RS232(Input)
Video Output	USB3.0, USB2.0,LAN
Video Stream	Dual Stream
Image Multi Code Source Output	Supported (USB3.0/USB2.0, LAN can be with different Code Source/TV System)
Video Compression	H.265, H.264
Audio Compression Format	A-in: Double track 3.5mm linear input;
Audio Output	LAN, Same Output as Audio.
Audio Compression Format	AAC, MP3, G.711A
LAN	100M LAN Port (10/100BASE-TX)
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181; Support VISCA Control Protocol, Support Remote Update and Reset
Control Port	RS232(Circuit), RS485
Control Protocol	Protocol: VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400bps
Power Supply	HEC3800 Outlet (DC12V)
Power Adapter	Input AC110V-AC220V, output DC12V/1.5A
Power Input	DC12V±10%, 1A(Max)
Power Consumption	12W(Max)
<b>PTZ</b>	
Pan/Tilt Rotation	-170°~+170°, -30°~+90°
Pan/Tilt Controller Speed	0.1~60°/Second, 0.1~30°/Second
Preset Speed	Pan:60°/Second, Tilt: 30°/Second
Preset Numbers	255 Points Preset (10 points By Remote Controller)
<b>General</b>	
Storage Temperature	-10°C~+60°C, 20%~95%
Working Temperature	-10°C~+50°C, 20%~80%
Dimension	151.2mmX152.5mmX126.7mm
Weight	1.4kg
Usage	Indoor Only
Package	12V/1.5A Power supply, Remote Controller, Manual, Warranty Card
Accessories Optional	Mount (Extra Cost)

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[Ca188EN]-IQConference PTZ Camera CV800-Brochure-20200701



# IQConference Cam CV810



## 4K PTZ Camera with 12X Optical Zoom

The secret of unprecedented video conferencing experience



4K UHD 60fps



12X Optical Zoom



Super silent PTZ



Versatile output



Support RTSP/  
RTMP streaming



Up to 255 presets



Built-in gravity sensor



Low noise high SNR





## 12X optical zoom lens with auto focus

12X optical zoom presents extraordinary 4K image. Leading algorithm enables the camera auto focus fast and accurately. Whether you are moving, zooming in or capturing close-up view, it still shows ultra high definition of the recorded images.

## Unparalleled 4K UHD image

Adopt high-quality SONY CMOS image sensor, ensures 4K UHD highest resolution with 8.5 megapixel at up to 60 fps. Enjoy clear and realistic ultra-high-definition video experience. Immerse in people's vivid expressions and actions that CV810 brings to you.



## Super silent PTZ camera

High-precision stepping motors ensure smooth operation of the camera, and make no noise when camera is moving. You don't have to worry about the shaking and blurring of the image caused by camera instability any more.

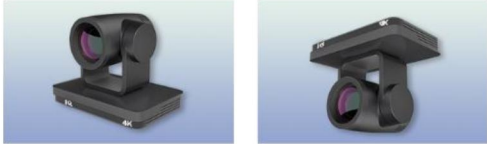


## Low Noise and high SNR

Low noise CMOS ensures super high SNR image. Pioneering 2D/3D noise reduction technology reduces the grainy in the image produced by the noise, which ensures the smoothness and crystal-clear clarity of the image.

## Built-in gravity sensor for auto reverse

Built-in gravity sensor supports auto rotation on PTZ, which means it can automatically adjust the image orientation when you install the camera upside down. No need to manually set and adjust. Everything is ready for you.

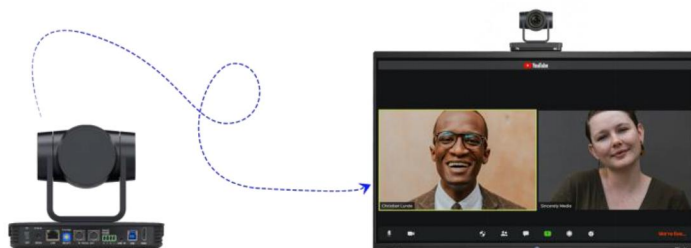


## Preset anywhere you want

CV810 supports up to 255 preset position and 10 presets for remote control by handy compact remote, preset the shooting angle and position so that camera can quickly capture certain target. Choose the angle that's right for you and get pleasant video conference instantly.

## Versatile ports with plug-and-play simplicity

Provide versatile ports including HDMI 2.0, USB 3.0 and LAN for audio and video output. Meet your need for any type of connectivity. The plug-and-play connection allows you to set up easily. Just start your video meeting anytime.



## IP based management and streaming

LAN port connectivity on CV810 allows it to have web-based control and RTSP/RTMP stream, easily connect live video content to any online broadcasting platform including YouTube.





Model	CV810
Optical Zoom	12X
FOV	Horizontal: 6.55° (tele) ~ 69.4° (wide) vertical: 3.66° (tele) ~ 42.8° (wide)
Aperture	F1.6 - F2.8±5%
Image Sensor	1/2.8 Inch SONY CMOS Sensor
Effective pixels	8.51M; 16:9
Video Format	<b>HDMI Video Output Format:</b> 4KP60, 4KP50, 4KP30, 4KP25, 1080P60, 1080P50, 1080i 60, 1080i 50, 1080P30, 1080P25, 720P60, 720P50 <b>USB3.0 Video Output Format:</b> YUY2/NV12: 1920×1080P30, 1280×720P30, 1024×576P30, 960×540P30, 800×448P30, 640×360P30, 640×480P30, 320×176P30 MJPEG/H.264: 1920×1080P30, 1280×720P30, 1024×576P30, 960×540P30, 800×448P30, 640×360P30, 640×480P30, 320×176P30 <b>USB3.0 downward compatible USB2.0:</b> YUY2/NV12: 640×360P30, 640×480P30, 320×176P30 MJPEG/H.264: 3840×2160P30, 1920×1080P30, 1280×720P30, 1024×576P30, 960×540P30, 800×448P30, 640×360P30, 640×480P30, 320×176P30
Minimum Illumination	0.05Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ Specified Color Temperature
Focus	Auto / Manual/ One Push
Exposure mode	Auto/ Manual / Shutter Priority / Aperture Priority / Brightness priority
Aperture	F1.8 - F11, CLOSE
Shutter speed	1/25 - 1/10000
BLC	OFF/ON
Dynamic range	OFF/ Dynamic Level Adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	≥50dB

## Interface Features

<b>Interfaces</b>	HDMI, LAN(POE), USB3.0 (Type B, compatible with USB2.0) , A-IN, RS232-in & out; RS422 (Compatible with RS485) , Dial switch, DC12V, Power Switch
<b>Video Compression</b>	LAN: H.264, H.265 USB 3.0: MJPG, H264, YUY2, NV12
<b>Audio-in Interface</b>	Double track 3.5mm linear Input
<b>Audio out</b>	HDMI, LAN, USB3.0
<b>Audio Compression</b>	AAC, MP3, G.711A
<b>LAN</b>	10M/100M/1000M adaptive Ethernet port, support POE and audio/video output
<b>Network Protocol</b>	RTSP, RTMP, ONVIF, GB/T28181, VISCA Control Protocols, Remote Upgrade, reboot and reset
<b>Control Interface</b>	RS232-IN, RS232-OUT, RS422 (RS485)
<b>Serial Protocol</b>	VISCA/ Pelco-D / Pelco-P; Baud rate: 115200/38400/9600/4800/2400
<b>USB Communication Protocol</b>	UVC (video) , UAC (audio)
<b>Power Interface</b>	HEC3800 (DC12V)
<b>Power Adapter</b>	In: AC110V-AC220V ; Out: DC12V/2.5A
<b>Input Voltage</b>	DC12V±10%
<b>Input Current</b>	<1A
<b>Power Consumption</b>	<12W

## PTZ Parameters

<b>Pan Rotation</b>	-170°~+170°
<b>Tilt Rotation</b>	-30°~+90°
<b>Pan Control Speed</b>	0.1°/s~120°/s
<b>Tilt Control Speed</b>	0.1°/s~80°/s
<b>Preset Speed</b>	Pan: 120°/s, Tilt: 80°/s
<b>Preset Number</b>	255 Presets (10 presets by remote control)

Other Parameters	
Storage Temperature	-10°C~+60°C
Storage Humidity	20%~95%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension	181 (L) mm × 115mm (W) × 149mm (H)
Weight	1.15kg
Usage	Indoor only
Accessories	
Standard	Power supply and adapter,RS232 Cable,USB3.0 Cable, IR remote control, User Manual
Optional	Wall / Ceiling Mount

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

For better interaction, we suggest you using IQConference Cam CV810 together with:

## HARDWARE



IQTouch T1000 Series



IQSpeakerphone S500

## SOFTWARE



ZOOM



Skype



GotoMeeting

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# IQSpeakerphone

S230

Portable for Mobile meeting

## Product Highlights



### USB and bluetooth connection

Built-in high quality Bluetooth module, connect with various Bluetooth devices and minimize cable clutter. Plug-and-play with any PC or UC platform with only 1.5 meters USB cable.

DSP

### 360° voice pickup with DSP

Built-in microphone array for 360° voice pickup with radius up to 3 meters. Digital Signal Processing (DSP) for echo cancellation and noise reduction ensures clear conversation.



### Professional-grade audio

Built-in Hi-Fi speaker presents lifelike and full voice. Noise reduction processing technology makes your meeting no longer disturbed.



### 8 hours of battery life

Built-in 3000Ah battery. Up to 8 hours life provides continuous power for your video conference and ensure the smoothness of long time meetings.



### Small and portable design

S230 is an ideal gadget for remote meeting. Its small size and light weight also makes it easy to carry and travel. Simply put it inside your bag and take out for mobile working.



### Built for compatibility

Compatible with most of video conferencing software, like Skype for Business, Zoom, WebEx and so on. No need to change, just continue to use the previously used software.

## Product details





## Specifications

Name	IQSpeakerphone
Model	S230
Integrated Audio	Built-in Hi-Fi speaker Acoustic echo cancellation and noise reduction
Built-in Microphone Array	6
Voice Pickup Range	3 meters
Mic Sensitivity	-27dBFS
Signal to noise ratio	64.3dB(A)
Bluetooth	5.0
Battery	Built-in 3000mAh lithium battery can be used continuously for 8 hours. Up to 20 days standby time.
Power supply	DC 5V
Connections	1 x 1.5M USB 2.0 Cable
Product size	130mm x 130mm x 35mm
Package size	176.9mm x 172mm x 72mm

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

For better interaction, we suggest you using IQSpeakerphone S230 together with:

### HARDWARE



IQTouch Interactive Flat Panel



IQConference Camera CV230

### SOFTWARE



ZOOM



Skype



GotoMeeting

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# IQSpeakerphone

S330

Professional-grade bluetooth conference speakerphone

## Product Highlights



### 360° omni-directional sound pickup

With 4 built-in microphone arrays, S330 supports 360-degree omni-directional audio pickup distance of 5 meters. Plus two optional expansion microphones, the pickup distance can reach 10 meters. It's convenient to set up your meeting room size.



### Immersive audio experience

Built-in echo cancellation algorithm to ensure full duplex audio and offer pleasant teleconferencing experience. With dynamic noise suppression and automatic gain control, S330 allows you to hear and to be heard clearly as if it's face to face communication.



### Seamless connection

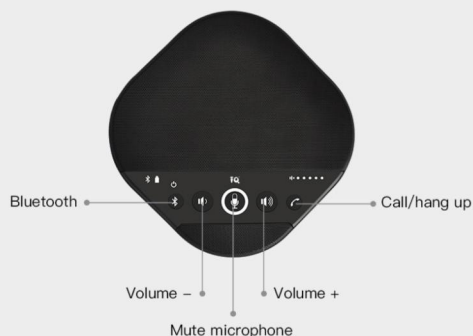
Connect to your laptop, smart phone or tablet via Bluetooth, a USB cable or an audio cable with intuitive plug-and-play operation. It's simple to install and easy to use, just connect the USB cable or pair with your bluetooth device, and your meeting could start in seconds.



### Rich compatibility

All IQSpeakerphones are compatible with most mainstream VC platforms. We provide excellent audio quality for both you and those on the other end of the call - no matter your platform of choice.

## Product details




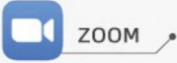



# Specifications

Name	IQSpeakerphone	
Model	S330	
Voice technical parameters	Automatic echo cancellation(AEC)	full-duplex echo cancellation depth up to 65dB
	Echo cancellation length	≥400ms
	Two-way noise compression(NC)	18dB
	Automatic gain control technology(AGC)	
Microphone frequency response	100Hz-22KHz	
Speaker frequency response	100Hz-22KHz	
Built-in microphone pickup range	5 meters distance, 360 degree full range	
Signal to noise ratio	90dB	
Battery	Built-in 2400mAh lithium battery can be used continuously for 4 hours. Up to 20 days standby time	
Network & Interface	DIN 6 power supply+USB socket; 1*USB 3.0 ClassB interface; 2*RJ 9 expansion microphone interface; 1*Analog audio 3.5mm interface;	
Reverberation time	<0.5 seconds	
Noise level	<-48dBA	
Power supply	AC100~240V, 50-60Hz, 12W	
Working temperature	0°C-50°C (operation status)	
Humidity	20%-85%	
Size (length*width*height)	180mm*180mm*40mm	
Support system	Windows 7/Windows 8/Windows 10; MacOSX 10.5 and above; Android 4.4or above	

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## For better interaction, we suggest you using IQSpeakerphone S330 together with:

<b>HARDWARE</b>	 IQTouch Interactive Flat Panel	 IQConference Camera CV800	
	 In&Join	 ZOOM	 Skype

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# IQSpeakerphone

S500

12 Beamforming microphone arrays for ultimate conference experience

## Product Highlights



### Audio coverage for mid to large-sized meeting room

S500 is designed for efficient collaboration in large space. Built-in 12 high sensitivity microphone arrays cover 6m pickup distance, and support up to 11m with two optional expansion mics.



### Intelligent audio processing algorithm

Wide-band acoustic echo cancellation, dynamic noise suppression and automatic gain control to support comfortable, natural-sounding conversation on both ends of the call.



### LCD screen with colorful status indicators

The status of each button can be shown on the LCD screen for more intuitive operation. It's convenient for users to know the volume percentage, connection status and battery status from the screen.



### 5.8G wireless connection, plug and play

Plug the wireless adapter into the USB port of PC or display, turn on the speakerphone and wait for the wireless connection to be successful - it's so easy to plug and play. USB cable connection is also available.



### Rich compatibility

All IQSpeakerphones are compatible with most mainstream VC platforms. We provide excellent audio quality for both you and those on the other end of the call - no matter your platform of choice.

## Product details





# Specifications

Name	IQSpeakerphone	
Model	S500	
Voice technical parameters	Automatic echo cancellation(AEC)	> 65dB
	Echo cancellation length	≥500ms
	Two-way noise compression(NC)	< 25dB
	Automatic gain control technology(AGC)	
Microphone	12 microphone arrays	
Microphone frequency response	100Hz-22KHz	
Speaker frequency response	100Hz-22KHz	
Built-in microphone pickup range	6 meters distance, 360 degree full range	
Signal to noise ratio	90dB	
Wireless Receiver	Angle	360°
	Distance	10 meters
Network & Interface	DIN 6 power supply+USB socket; 1*USB 3.0 ClassB interface 2*RJ 9 expansion microphone interface ; 2*3.5mm jack In/Out, AUX; 1*Wireless receiver	
Reverberation time	<0.5 seconds	
Noise level	<-48dBA	
Power supply	AC100~240V, 50-60Hz, 12W	
Battery	Built-in 2400mAh lithium battery can be used continuously for 3 hours. Up to 30 days standby time	
Working temperature	0°C-50°C (operation status)	
Humidity	20%-85%	
Size(length*width*height)	237mm*237mm*44mm	
Support system	Windows 7/Windows 8/Windows 10 ; MacOSX 10.5 and above Android 4.4 or above	

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

## For better interaction, we suggest you using IQSpeakerphone S500 together with:

### HARDWARE

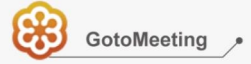


IQTouch Interactive Flat Panel



IQConference Camera CV800

### SOFTWARE



[www.IQBoard.net](http://www.IQBoard.net)

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