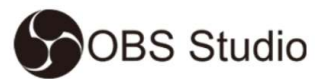




VCS300 Series Video Conference System





VCS300 Series Video Conference System



VCS300 Series Conference Room Speakerphone



VCS311U
USB Conference Room
Speakerphone



VCS312B
Bluetooth Conference Room
Speakerphone



VCS313W
WiFi Conference Room
Speakerphone



VCS321M
Omnidirectional Microphone
(for extension of microphone coverage
up to 10m)

- The VCS321M comes in a set of two to expand the conversation area from 6m (20ft) to 10m (33ft).
- Each high sensitivity omnidirectional microphone provide a 2m diameter 360 degrees audio pickup.
- The expansion omnidirectional microphone unit connects to the VCS300 Series Speakerphone via a 2.8m RJ-7 cable.

- ❖ Over 5m voice pick up range. Remarkably rich and crystal-clear voice quality for large conferences (10-25 participants in a room of 40-100 Square meters).
- ❖ Enjoy crystal clear voice calls with DSP Technology. The full-duplex bluetooth speakerphone with built-in DSP Noise Reduction Technology, ensures that everyone can heard clearly.
- ❖ Ambient and other distracting noises are suppressed to support comfortable, natural-sounding conversation on both ends of the call.
- ❖ Beam-forming Technology - With 4 built-in omni-directional mics, pickup quality voice that is crisp and clear. Conversations sound realistic and natural by minimizing sound reflections (reverb) and distracting audio artifacts.
- ❖ Plug & Play - Anyone in the office can easily setup this Conference Speakerphone and control meetings. Full compatibility with UC system/PC softphones, such as Skype, Lync, Cisco and Avaya.
- ❖ Excellent full duplex bi-directional conversation and noise cancellation function (reverb) and distracting audio artifacts.

Technical Specifications

Acoustic Echo Cancellation	> 65 dB
Echo Length Cancellation	> 500 ms
Bidirectional Noise Compression	< 25 dB
Automatic Microphone Directional Beam Forming	Yes
Automatic Gain Control (AGC)	Yes
Frequency Reponse	Microphone: 100 Hz ~ 22 kHz Loudspeaker: 100 Hz ~ 22 kHz
Operating System Support	Windows, Max OSX, Android
Power	Battery Operated (4 hours on full charge)
Operating Temperature	0°C ~ 40°C;
Operating Humidity	Humidity 20~85% (Non-Condensing)
Dimensions (WxHxD)	180 x 180 x 42 mm
Weight	0.5 kg

DSP Acoustic Improvements





VCS300 Series Video Conference System



VCS331U 4K UHD Conference Camera

- ❖ 4K Ultra HD conference camera adopts 1/2.7" 8.29 megapixel CMOS sensor with a 138° super wide angle fixed lens to emphasize on faces and render natural-looking skin tones, even in dim or high backlit conditions.
- ❖ Best for applications that requires 4K UHD recording and streaming, video conferencing and broadcasting that supports USB cameras.
- ❖ Compatible with Mac and PC operating environment. System requirements includes Windows 7, 8.1 or 10, Mac OS X 10.7 or higher, Android and Linux.
- ❖ 360° pan & 90° tilt rotation at adjustable speed and fast & accurate auto focus with smooth, accurate and silent pan & tilt movement to capture any view in conferencing space.
- ❖ Preset able 9 presets via IR remote setting (255 presets via RS232).
- ❖ Full glass lens material for wide field of view with no image distortion.
- ❖ Plug & Play USB2.0 Connectivity. Compatible with most popular meeting applications and cloud meeting systems.
- ❖ Support VISCA, Pelco-P and Pelco-D protocol, RS-232/RS-485 camera control.
- ❖ Support desktop, ceiling mount, wall mount and tripod mount.

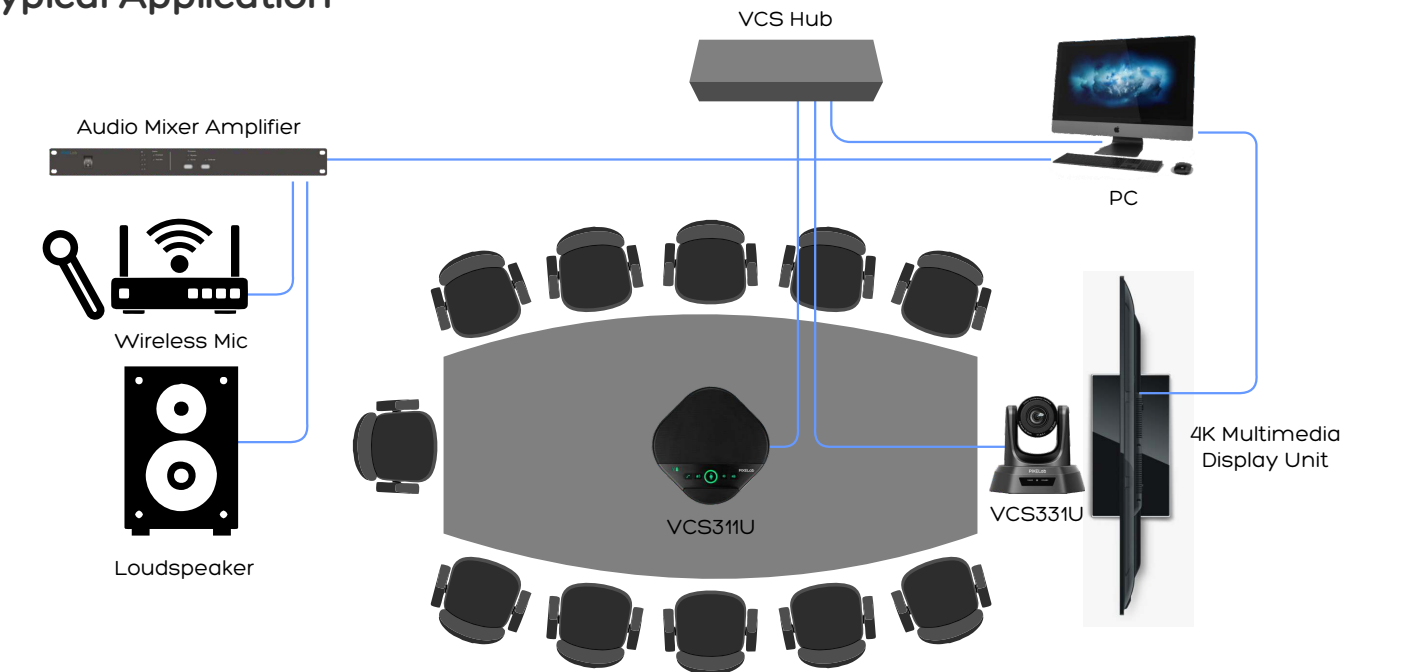
Technical Specifications

Image Sensor	1/2.7" 4K UHD Colour CMOS
Effective Pixels	8.29 megapixel (16:9)
Resolution	4K (3840 x 2160), 2K (2560 x 1440) 1080P (1920 x 1080)
Lens	Fixed Focus 2.1mm wide angle
Signal Format	NTSC / PAL
Signal to Noise Ratio	> 50 dB
Field of View	Fixed Focus, 138°
Control Terminal	RS-232, RS-485
Pan Movement	Pan: +/- 175° (max speed 80°/s)
Tilt Movement	Tilt: -35° ~ +55° (max speed 60°/s)
Preset Position	IR Remote supports 9 presets PELCO Control Protocol supports 255 presets
Control Protocol	VISCA, PELCO-D, PELCO-P (RS-232, RS-485)
Baud Rate	38400 / 9600 bps
Address	1 - 64
HD Video Output	USB2.0
Power Requirements	DC 12V / 2A; 12W
Operating Temperature	-10°C ~ 50°C;
Operating Humidity	Humidity -20 ~ 60% (Non-Condensing)
Dimensions (WxHxD)	182 x 182 x 182 mm
Weight	1.5 kg

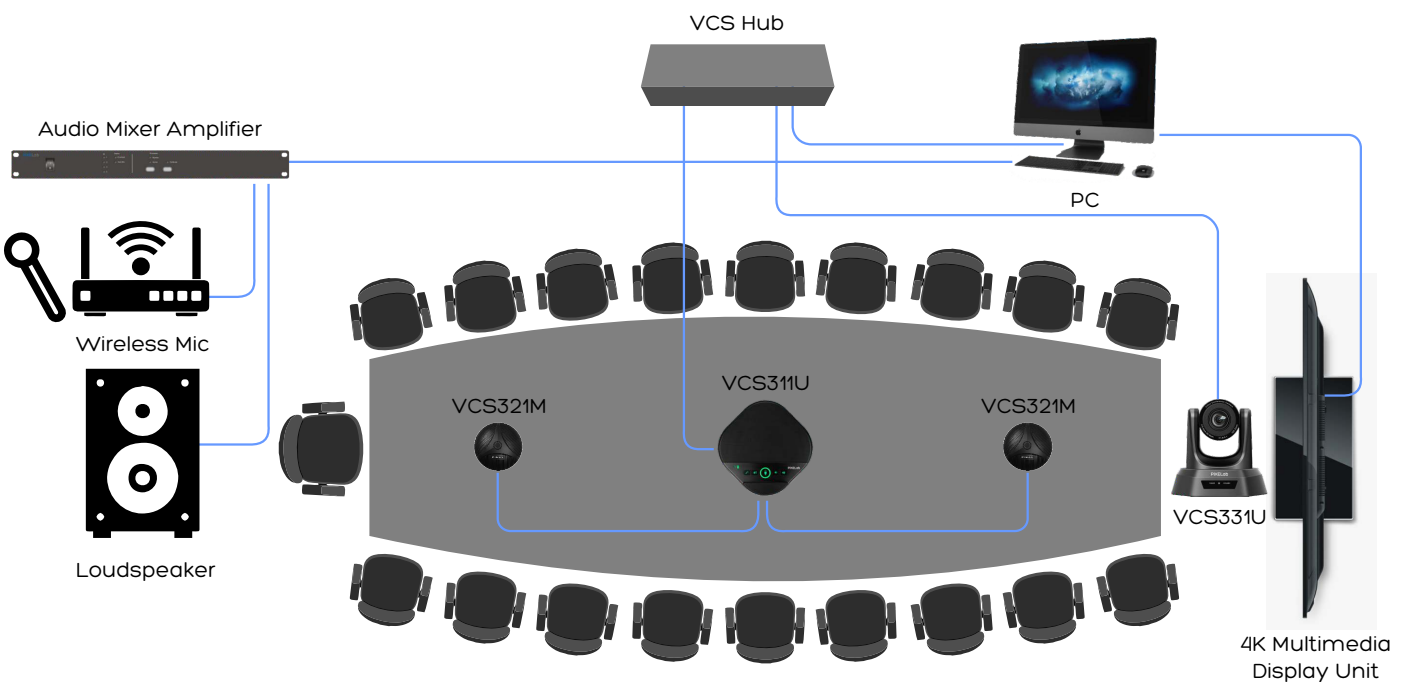


VCS300 Series Video Conference System

Typical Application



Typical Setup for 8 to 12 participants



Typical Setup for 13 to 20 participants