

CAMERA LI-G686



AUDIO-VIDEO CONFERENCING GROUP

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CAMERA

LI-G686, by Libre Image is a powerful video conferencing solution for mid to large conference rooms, turning any space into a hub for high-quality collaboration. It delivers Ultra HD 4K video and crystal-clear audio through a PTZ camera with 12x optical zoom, a full-duplex speakerphone with 360° voice pickup, a hub, and two expansion mics.

With features like echo cancellation, noise reduction, and easy camera control via remote or speakerphone, the LI-G686 makes it simple to bring everyone into the conversation—clearly and effortlessly

4K Ultra HD and 12x zoom deliver lifelike video conferencing

The LI-G686's PTZ camera uses a 1/2.8" HD CMOS sensor to capture crisp 4K video at 30fps, ensuring every meeting detail is visible. It features a 12x optical zoom for high-quality close-ups and a wide 90° field of view with no distortion



All-in-One Connectivity Personalized for You

The VLoop camera connects easily via DP to Hub, HDMI to TV, and RS232/RS485 to a keyboard controller. Its Hub includes four ports: two DP for the camera and speakerphone, one USB-C for PC connection, and one power input.



Quick and effortless setup

Just plug the PTZ camera and speakerphone into the powered hub using DP ports, connect the two expansion microphones to the speakerphone via 3.5mm jacks, and link the hub to your PC or Mac via USB-C — and you're ready to go. For added flexibility, the PTZ camera also includes an HDMI port for direct connection to a TV



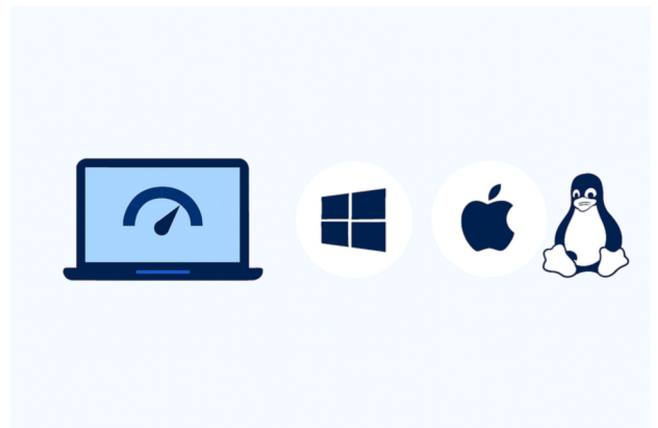
Supports major video meeting platforms

Fully compatible with popular video conferencing platforms including Zoom, Skype for Business, Microsoft Teams (Lync), VooV Meeting, Cisco WebEx, and other major software



System & Network Requirements

A stable internet connection with at least 2 Mbps (256 KB/s) upload/download speed is recommended for optimal performance. Compatible with Windows 7 or later, macOS 10.7 or later, and Linux systems that support UVC (USB Video Class)



SPECIFICATION

Model LI-G686	
Conference Camera	
Optical Zoom	12x Zoom
Image Sensor	1/2.8" SONY CMOS
Effective Pixels	8.29 Megapixels
Lens	f=3.9mm-46.8mm
Aperture	f1.6 - 2.8
Video Format	4KP@30fps, 1080P@60/50/30/25fps, 720P@60/50/30/25fps H.264, H.265, MJPG, YUY2, NV12
Horizontal Angle	71°(W) / 6.5°(T)
Focus	Auto / Manual
Digital Noise Reduction	2D & 3D Noise Reduction
Exposure	Auto / Manual
Video Interfaces	HDMI, DP
Video Compression Format	H.264, H.265, MJPG, YUY2
Control Protocol	VISCA/Pelco-D/Pelco-P

SPECIFICATION

Model	LI-G686
Baud Rate	38400/9600/4800/2400
Control Interface	RS232 (input only), RS485, UVC1.1
Pan/Tilt Rotation	$\pm 175^\circ$, $\pm 90^\circ$
Pan Control Speed	0.1 - 80°/sec
Tilt Control Speed	0.1 - 60°/sec
Preset Number	User can set up to 255 presets (10 presets by IR remote)
Speakerphone	
Acoustic Echo Cancellation(AEC)	>65 dB
Speaker Power	5 W
Speaker Volume	110 dB
Pickup Range	6 m (Radius), 9 m (w/ 2 Expandable mics)
Microphone Sensitivity	-38dB FS
SNR	62 dB

SPECIFICATION

Model		LI-G686
Interface	DP interface; 2x3.5mm Jack (for Expansion Mics)	
Audio input / Mics	Omni-directional microphones supporting 6 meters diameter range	
Frequency Response	100 Hz - 11 KHz	
Expansion Mics		
Interface	1 x 3.5mm jack	
Pickup Range	3 meters	
Product Size	74 x 75 x 20mm	
Product Weight	96 g (Net Weight)	
Hub		
Interface	2 x DP, 1 x Power interface, 1 x USB Type-C	
Power Supply	DC 12V	
USB Cable	1 x USB Cable (3m)	
Connection Cable	2 x DP cable (5m)	

SPECIFICATION

Model LI-G686	
General Parameter	
Operation Systems	Windows 7 or higher, Android, Mac OS™ 10.7 or Higher, Linux (Required to support UVC.)
Application Support	Compatible with Zoom, MS Teams, Skype ...
Input Voltage	DC 12V
Input Current	2.0 A
Store Temperature	-10°C - 60°C
Store Humidity	20% - 90%
Working Temperature	-10°C - 50°C
Working Humidity	20% - 80%
Dimension (W*H*D)	Camera: 172 x 193 x 172mm; Speakerphone: 143mm x 143mm x 75mm Hub: 98 x 98 x 20mm
Net Weight	2.8 kgs
Gross Weight	4 kgs