

D7700

Video Conference Collaboration System



Note: The PC in the image is for demonstration only.

Description

The D7700 is a video Conference solution designed specifically for medium to large conference rooms, offering high-definition video and crystal-clear audio, enabling seamless video collaboration in any meeting space. It features echo cancellation, noise suppression, convenient button controls, plug-and-play functionality, and easy wiring, allowing for quick installation and an immersive audio-visual conference experience.

This system includes an array of 12 high-sensitivity microphones with advanced beam forming technology, providing strong sensitivity and narrow directivity for capturing sound at short to medium distances. It delivers broadcast-quality clarity and fullness, maintaining high intelligibility even at extended distances. Additionally, the D7700 is equipped with a meticulously designed digital sound unit, delivering powerful and clear audio with impressive depth and transparency.

Features

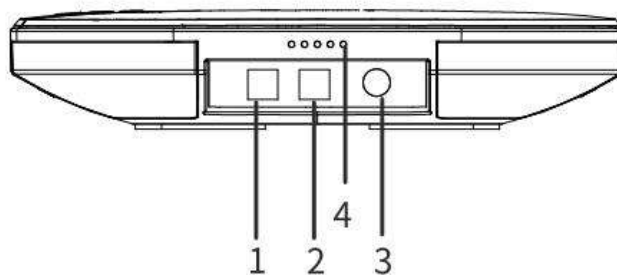
- Through the "HUB", the three-in-one function of voice, video and control is realized, and only one USB cable is needed to connect with the PC conference terminal.
- The audio system controls the microphone and camera pan/tilt (left/right/up/down), zoom in and out, preset positions.
- 1080P UHD Camera, 12x optical lossless Zoom, 72.5° Field of View.
- Built-in 12 mic array, 6 meters radius intelligent pickup, Max 95dB speaker volume.
- Intelligent noise reduction, echo cancellation, AEC, full-duplex voice communication.
- Supports 2 expansion microphones.
- Support Bluetooth calls.
- Support LCD Display.
- Support YUY2 /MJPEG/H.264.

Model	D7700
USB2.0 HD Video Conference 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°~3.99
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
Dimensions	144mm×144mm×167.9mm
Omnidirectional Microphone	
Voice Technical Parameters	Acoustic Echo Cancellation(AEC)>65dB Echo Length Cancellation:≤500ms Directional Noise Compression (NC):<25dB Intelligent Microphone Auto-Positioning Technology (EMI) Automatic Gain Control(AGC)
Audio Parameters	Microphone Frequency Response: 100Hz-22KHz Speaker Frequency Response: 100Hz-22KHZ Speaker Volume: Max. 95dB Microphone Sound-Pickup Radius: 6 meters, 360 degrees full range
Bluetooth	Bluetooth devices available Angle:360°
IR Reception	Distance:10m IR Transparent Transmission Available
Expansion Mic (Optional)	2 external microphones optional for connection makes the sound-pickup radius up to 6 meters
Dimensions	238mm×238mm×48mm(L×W×H)
Hub	
Interface	DIN6 Interface ×2 Power Interface ×1

Power Supply	Power Switch ×1 USB 3.0 Interface×1 Power Plug (DC12V) Adapter Input AC100V-AC240V, Output DC12V/2A
Connection Cable	Mini DIN6 Data Line ×2 Length:5m
USB Cable	USB Cable Length:3m
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)

Front / Rear Panel

Omnidirectional Microphone

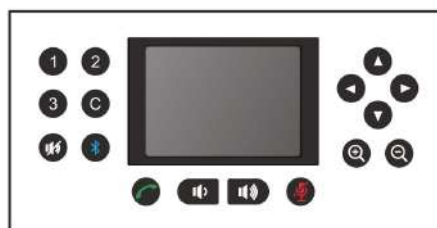


1:Optional expansion microphone port 1




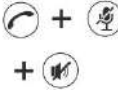
2: Optional expansion microphone port 2

3: DIN6 cable port

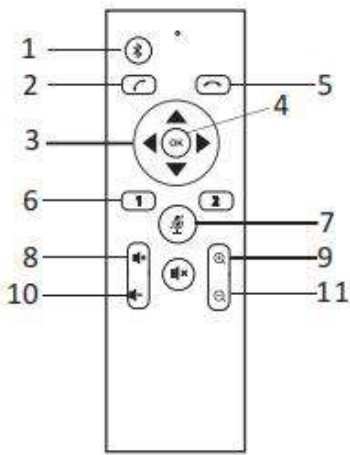
4: LED Status indicator



	Presets button	Those keys are represent the camera preset positions 1,2 and 3 respectively
	Zoom in / out	The camera zooms in/out
	Camera pan /tilt	Control the direction of the camera:left,right,up, down,.
	Volume button	Volume down/up
	Bluetooth button	Turn on/off Bluetooth

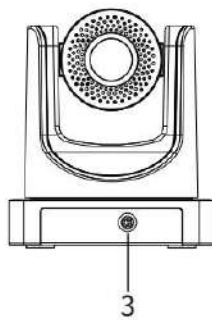
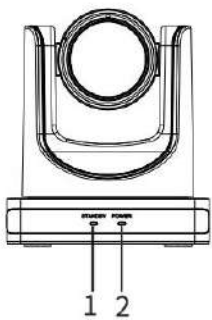
	Speaker mute button	Short press turn on/off the speaker mute function
	Pick up/Hand up	Pick up/Hand up
	Microphone mute button	Turn on/off Microphone mute
	Echo cancellation	Press those buttons at the same time and the blue light will flashing three times, it's means enter/exit the echo cancellation mode.

Remote Control



- 1: Turn on/off Bluetooth
- 2: Pick up
- 3: Pan/Tilt
- 4: OK
- 5: Hang up
- 6: 1-2 Camera presets
- 7: Mute microphone
- 8: Volume up
- 9: Zoom in
- 10: Volume down
- 11: Zoom out

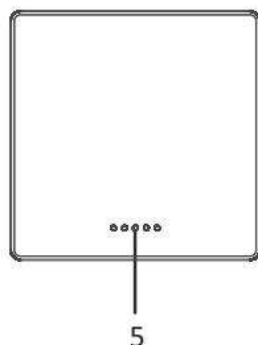
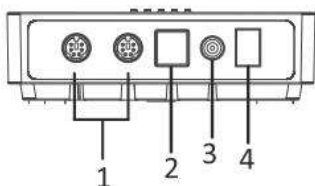
Camera



- 1. Status indicator
- 2. Power indicator
- 3. DIN6 Cable port

2. Power indicator

Hub



- 1. DIN6 Cable port
- 2. USB port
- 3. Power port
- 4. Turn on/off
- 5. Status indicator