DC2802

Panoramic 360-degree Video Conference Camera with Speakerphone

Description

This is a panoramic 360-degree video conference camera with speakerphone that adopts the full-duplex algorithm, supporting 3 to 5 meters omnidirectional automatic pickup, clear sound quality. Not only does it support OSD menus and multiple presentation modes, but also can be compatible with a variety of cloud video conference tools, such as Tencent Cloud Conference, Ding Talk, Feishu, Zoom, GoTo Metting, Google Meet, Microsoft Teams, Cisco Webex, BlueJean etc, which will provide more convenient services for meetings and unhindered information exchange.

Features

- 360-degree panoramic conference camera.
- Built-in 4 pcs 1/2.8 inch 2.07 million pixel CMOS.
- Full-duplex algorithm, 3~5 meters omnidirectional automatic pickup.
- Intelligent sound source location, automatic tracking of the spokesperson.
- With 4.2W MAX full-range hi-fi speakers, professional acoustic design reduces sound interference and provides extraordinary sound effects.
- Multi mode: close-up mode, panorama mode, cruise mode, live streaming mode.
- Equipped with remote control, support OSD menus.
- With TYPE-C interface, plug and play, can be connected with a computer or a large commercial display screen.
- Comply with Zoom, GoTo Metting, Google Meet, Microsoft Teams, Cisco Webex, BlueJean etc.
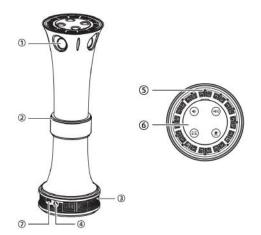
Specifications

Model	DC2802
Video Parameter	
Image sensor	1/2.8" CMOS, 2.07 Megapixel, 4 Sensor
Focus	f=2.02mm
Iris	F2.5
HOV	360 Panoramic, Close up speaker
Focus system	Fixed
Exposure Control	AUTO
Shutter Speed	1/25~1/10000S
White Balance	Manual
Digital Noise Reduction	2D/3D
S/N Ratio	≥50dB
BL Compensation	Support
Video Adjustable Parameters	Brightness, Contrast, Saturation
Multiple Presentation Mode	Video Tracking Mode, 360 degree Patrol Mode, 180 degree Patrol Mode, Close Up Speaker Mode
OSD Menu	English
Voice Localization	
Microphone	8×Omni-directional MIC
Audio Parameter	
Microphone	2pcs Omni-directional MIC
Sensitivity	-38±1dBV
S/N Ratio	65dB(A)
Frequency Range	100Hz~16kHz (Playback:100Hz-16kHz Record:100Hz-8kHz)
Sampling Rate	48kHz(Playback: 48kHz Record: 16kHz)
Automatic Noise Reduction	Support
Speaker Power Output	4.2W Max
Automatic Gain Control	Support
Echo Cancellation	Advanced echo cancellation algorithm, full duplex communication
Pick-up Radius Range	Max 5 meters, suggest to work in 3 meters distance
Interface	
Power Supply	JEITA type, DC IN 12V 2A input
Control Connector	IR Remote Control
USB Interface	1×Type-C, support UVC, UAC protocol Resolution: 1920×1080, 1440×900, 1400×A900, 1360×768, 1280×1024, 1280×960, 1280×720, 1024×768, 800×600, 640×480

The specifications will be subject to changes without prior notice.

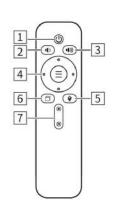| | Fps: 30fps |
	USB 2.0: MJPG
General Specification	
Consumption	＜24W
Work Environment	Work Temperature 0~50, Environment Humidity 10%~95%
Dimension (L×W×H)	90mm×90mm×286mm
Net Weight	490g
Color	Grey

Front / Rear Panel

ConFront View & Buttons Function

①	HD Optics lens (4 x lens)
②	Work status indicator LED
③	Speaker
④	12v DC JEITA Socket
⑤	8X Omni-directional Microphone Array for Voice Tracking, 2X Omni-directional Microphone Array works in 3M range
⑥	TouchPanel Buttons for audio and video control
⑦	USB Type-c Interface

Remote Control Function

Buttons	Key	Functions
1 Power Switch of camera	⏻	Turn On/ FF Camera On Screen
2 Volume down	◀)	Volume Down
3 Volume up	◀))	Volume Up
4 OSD Menu	☰	1.OSD Menu log in/log off; 2.Confirmation while access to OSD Menu; 3.Up/down/left/right arrow to adjust values and effects once adjusted, no need confirmation;
5 Microphone Mute	🎤	Microphone Mute
6 Display Mode switch	▤	Voice Tracking Mode, 360 degree Patrol mode, 180 degree Patrol Mode, Close Up speaker Mode
7 Brightness +/-	☀	Increase/decrease brightness of image