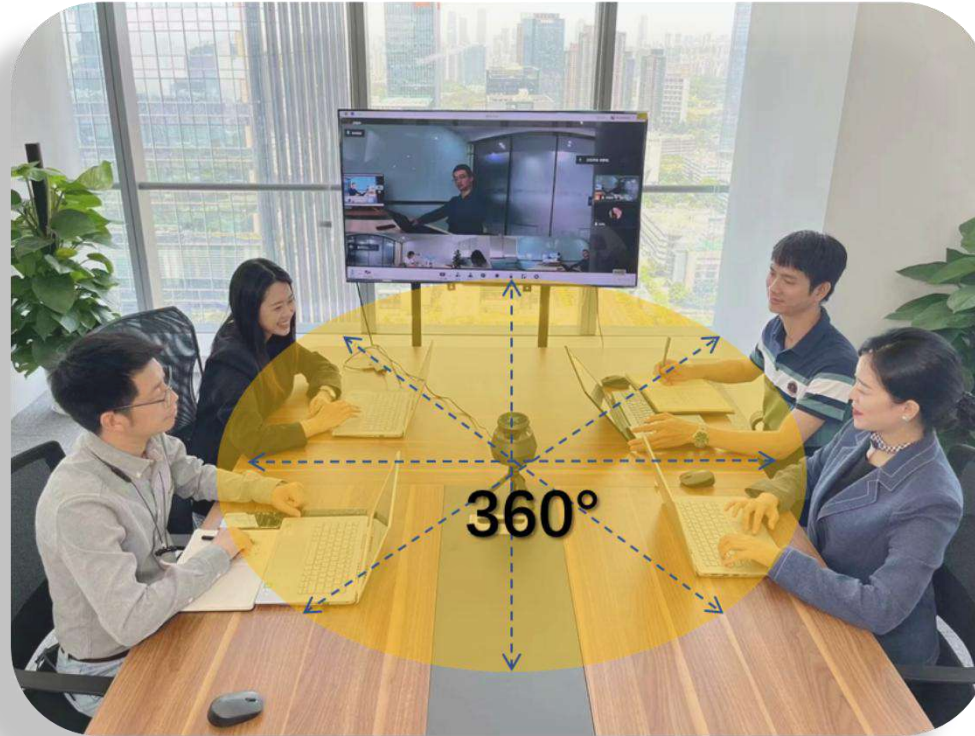




# Panoramic 360° Sound Source Location Web Camera DC2801

## FOV Determines Horizon - 360° Panarama



**Suitable for a large number of small and medium-sized conference rooms**

# "Immersive" Coneference - So far yet so near

## Sound Source Localization, Speaker Tracking

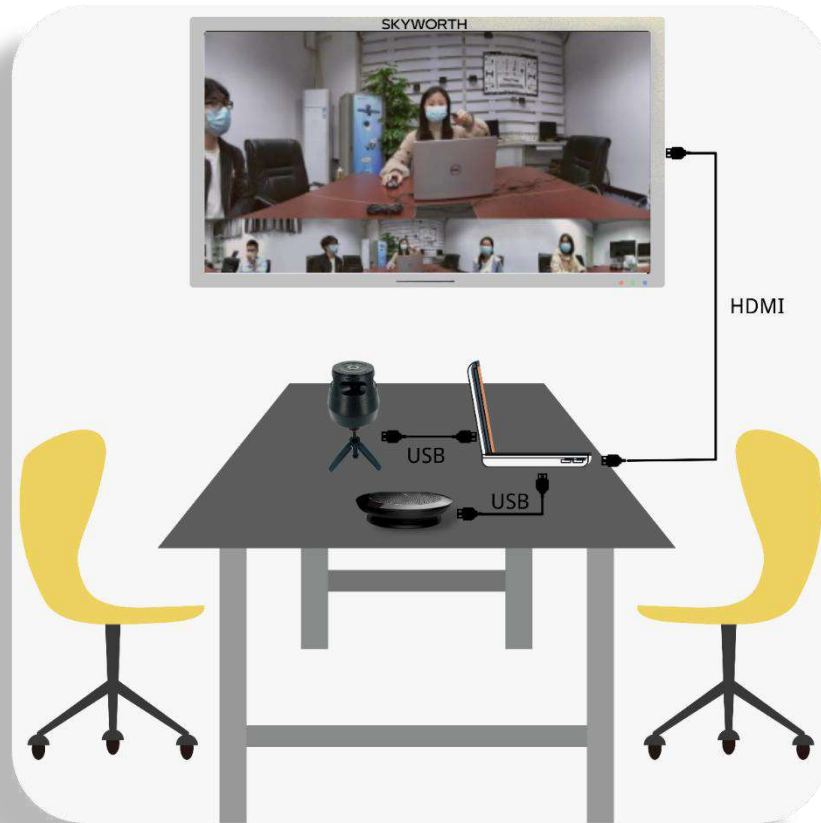


**Conference Room 1**

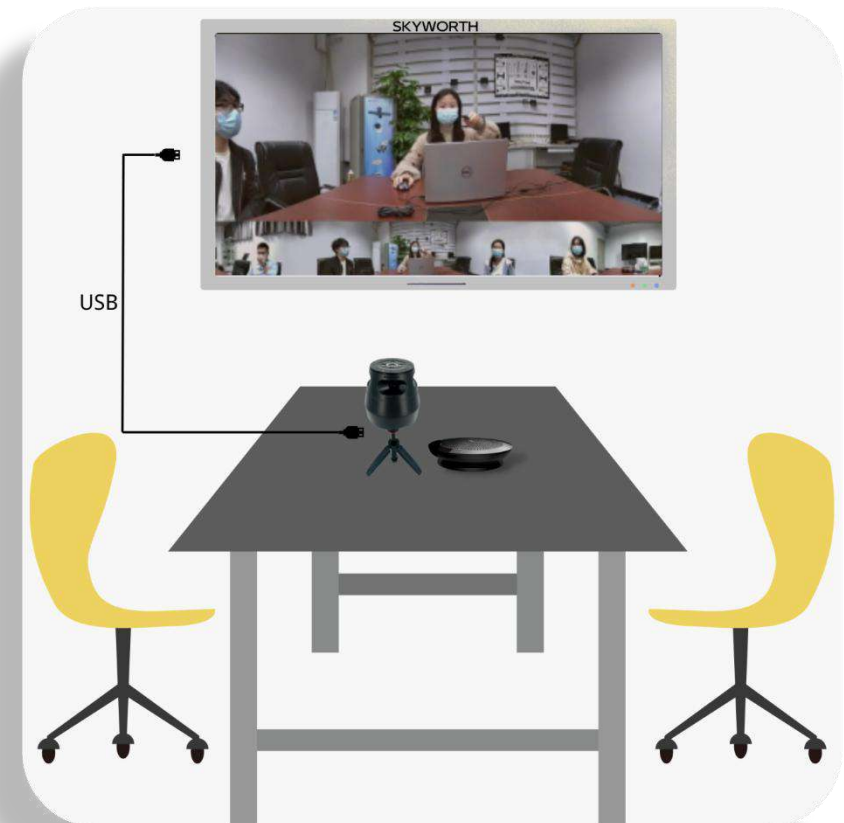


**Conference Room 2**

# Convenient and Flexible Conference Room Connection



**Typical Conference Room Connection**



**Conference Large-screen Hub Connection**

# Widely Compatible, Plug and Play

For 3 billion cloud video conferencing users worldwide



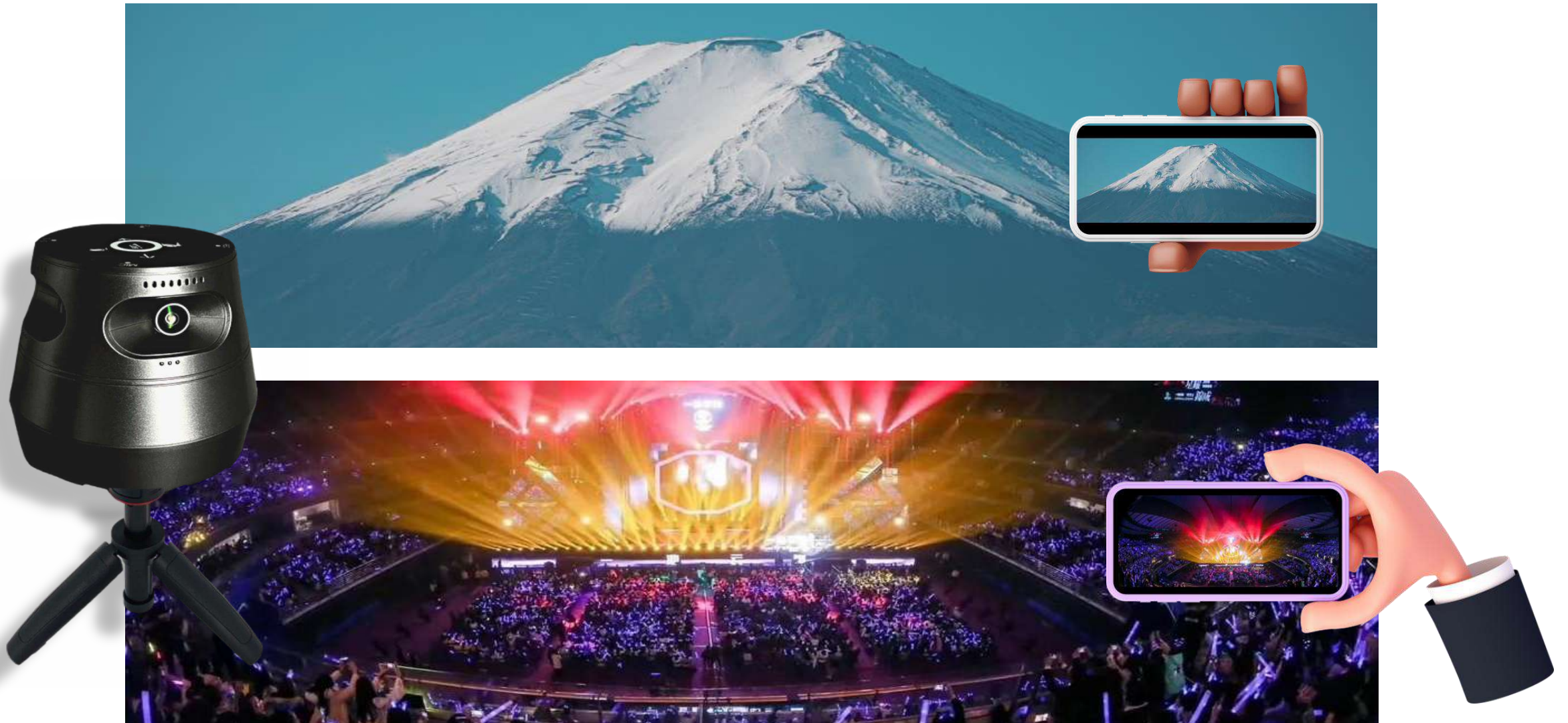
# Integration of MIC, Camera and Speaker

## MIC, Camera, Speaker



- MIC array x8
- Intelligent sound source localization
- 4 360° cameras
- 1080P
- With USB interface, plug and play
- External TV speaker available

# New Experience for Social Live Streaming - Unique Friend Circle



A mobile live APP is required to be connected for use.

# Multiple Application Scenarios



**Conference Room**

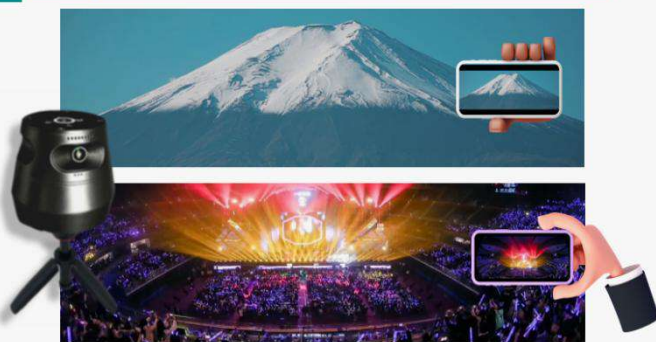


**Business Travel**



**Online Education**

New Experience for Social Live Streaming - Unique Friend Circle



A mobile live APP is required to be connected for use.

**Panaramic Live Broadcast**



**Emergency Command**



**Cloud Command,  
Cloud Supervision**

# Functions

## 1. 360° panaramic camera

- Adopt 4 1/2.8-inch 2 megapixel CMOS, each two of which are arranged in an angle of 90 degrees to achieve a 360° panorama.

## 2. Integrated sound pickup & external microphone

- 3-5 meters omnidirectional free pickup, better sound, clearer, fuller and more real communication.

## 3. Intelligent sound source localization, speaker screen tracking

- Built-in intelligent analysis algorithm, voice positioning, to automatically track the speaker and switch to the speaker screen.
- Ensure that the speaker is always clearly in the frame through the whole process and that the center of the meeting is more focused.

## 4. Multiple image display modes

- Conference mode: close-up + panorama; Close-up mode: No panorama; Cruise mode: cruise + panorama;

Panoramic mode: upper and lower half screen.

## 5. USB-powered, Plug and play

- With the USB interface connected to the computer or the large screen of the commercial display to achieve out-of-the-box use

## 6. Compatible with multiple cloud video conferencing tools

- Widely compatible with cloud video conferencing platforms, including Tencent Meeting, DingTalk, Feishu, Zoom, GoTo Meeting, Google Meet, Microsoft Teams, Cisco Webex, BlueJean, etc.

# Specifications

| Video                           |   | Audio                    |   |
|---------------------------------|---|--------------------------|---|
| Model                           | DC2801  | Microphone               | 8 omnidirectional microphones                                   |
| Imaging Sensor                  | 1/2.8-inch CMOS, 2.0 megapixel  | Sensitivity              | -42dB   |
| Arrangement Mode                | 4 sensors, each two of which are arranged in a circle at an angle of 90 degrees   | SNR                      | 58dB  |
| Focal Length                    | 2.9MM   | Frequency Response Range | 100Hz-10KHz   |
| Lens Axis Elevation Angle       | 10°   | Sampling Rate            | 48kHz   |
| FOV                             | 360° panorama, close-up of a scene  | Pickup Radius            | The maximum pickup distance is up to 5m, but 3m is recommended. |
| Video Encoding                  | H.264/MJPEG/YUV   | Audio Encoding           | G.711 / PCM   |
| Exposure                        | Auto  | Interface                |   |
| Gain                            | Auto  | Power Interface          | DC5V/2A   |
| White Balance                   | Auto  | USB Interface            | USB2.0/3.0  |
| Video Network Protocol          | RTSP/ONVIF  | SD/TF Card Interface     | FAT32, exFAT  |
| Network Transmission Frame Rate | 1080p@30fps, 2K@25fps, 4K@15fps   | General Specifications   |   |
| USB(2.0/3.0) FrameRate          | 1080p@30fps, 720p@30fps   | Dimension                | Diameter 123.32mm, height 110.3mm                               |
| Image Stitching Mode            | Panoramic + close-up   close-up   Panorama+cruise   Upper and lower half screen   | Net Weight               | 760g  |
| Touch Control                   | Model, Camera off, Mute, Left/Right Selection   | Color                    | Metallic Grey   |
| Sound Source Localization       |   | Work Environment         | Temperature: 0-50, Humidity 10%-95%                             |
| Microphone                      | 8 omnidirectional microphones, each two of which are arranged at an angle of 45 degrees to form a circular microphone array | Power Consumption        | 5W  |



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# DSPPA, Never Stop!