

4K Intelligent Dual-lens Camera

4K

UHD
Image

110°

Ultra
Wide
FOV

12X

Optical
Zoom

6m

6 Mics
Arrays



Auto
Framing



Voice
Tracking



Plug-and-
play





AI-based Collaboration Boost Efficiency



Panorama + Close-up Integrated Design

It integrates panoramic cameras, close-up cameras, and positioning array microphones. Through professional voice positioning and 4K image analysis technology, it realizes accurate automatic tracking, frees the hands of conference personnel, making more engaged communication. It is a perfect choice for medium and large conference rooms.

Close-up Lens

Panoramic Lens

Arrays Mics



4K Lens

Deliver UHD Image



8.5 million pixel high-quality SONY CMOS image sensor, the maximum resolution can reach 4K (3840×2160), and the 4K output frame rate can reach up to 30 frames per second. Equipped with excellent 3A image intelligent algorithm, bringing 4K ultra-high-resolution high-quality images



Panoramic View Lens

110.2° Ultra Wide Viewing Angle

110.2° ultra wide panoramic lens provide broad range of view for close-up lens, making it easier to detect and capture anyone walking into the meeting room.



Close-up Lens 12X Optical Lens

The close-up lens supports 12x optical zoom, with fast zoom and focus capabilities, clearly presenting every detail Vividly capture a person's facial expressions or body movements





NEOD
ENRICHING EXPERIENCE



6 Meters Audio Range, Delivering Crystal-clear Voice

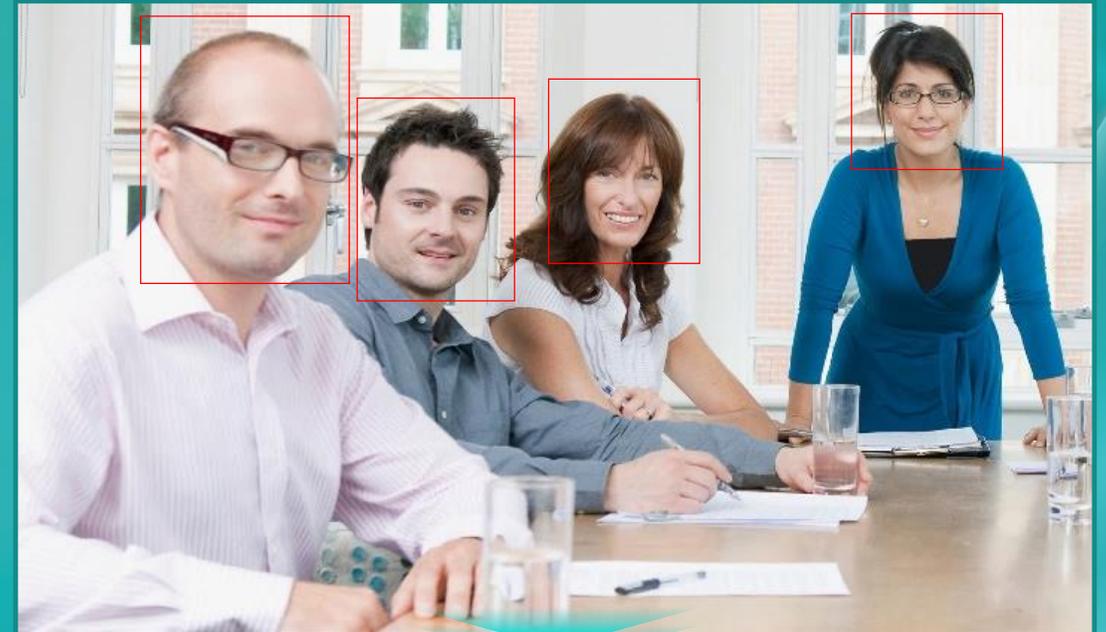
Built in 6 omnidirectional mics arrays with audio range up to 6 meters
Advanced AI noise reduction and 3A audio algorithm make the audio
crystal clear like face-to-face communication



AI Smart Framing

Built in high-speed processor and face detection algorithm, it can automatically detect the participants and provide the optimal framing

Within the range of panoramic view, if anyone move or enter into the room, the camera will automatically adjust to make sure all participants are at the center of the screen.





Intelligent Voice Tracking

With array mics and advanced audio algorithm, this camera can locate the sound source to track the speaker in the real time

Close-up lens can smoothly switch between speakers when there are different people speaking



USB3.0 Plug-and-play

Ease of installation and use

USB3.0 high-speed transmission

Plug-and-play, start an awesome virtual meeting with ease



LINE IN

USB3.0

HDMI

LAN(POE)

RS232 IN



Flexible Installation

It supports for wall mount, ceiling mount and on tripod
To make sure it can be applied in different sized rooms

Technical Specification



| Module | Function | Description | | |
|--------|------------------|--|---|--|
| Camera | Close-up Lens | Optical Zoom | 12X | |
| | | Viewing Angle | 7.6° (N) ~ 80.5° (W) | |
| | | Iris Value | F1.8 – F3.6 | |
| | | Digital Zoom | 15X | |
| | | Focal Length | f = 3.4 ~ 40.3mm | |
| | Effective Pixels | 851M, 16: 9 | | |
| | Image | Minimum Illumination | 0.5Lux(F1.8, AGC ON) | |
| | | DNR | 2D & 3D | |
| | | White Balance | Auto/Manual/One-push/Specified Color Temperature | |
| | | Focus | Auto/Manual/One-push | |
| | | Image Adjustment | Brightness, Hue, Saturation, Contrast, Sharpness, BW Mode, Gama Curve | |
| | | SNR | >50dB | |
| | Video Formats | HDMI: 4KP30, 4KP25, 1080P30, 1080P25, 1080P29.97; USB3.0: Main Stream: YUY2/NV12: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/480×270/320×180@10/5fps; MJPG/H264: 3840*2160/1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720×480/640×360/640×480/480×270/352×288/320×240@30/25/20/15/10/5fps; Sub Stream: YUY2/NV12: 1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320×180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720×480/640×360/640×480/480×270/352×288/320×240@30/25/20/15/10/5fps | | |
| | Fixed Focus Lens | Viewing Angle | 110.2°\101.8°\69.5° (D\H\V) | |
| | | Iris | F2.0±5% | |
| | | Focus | F=1.89mm | |

| Module | Function | Description |
|-------------------|---|--|
| PTZ | Rotating Angle | Pan: ±110°; Tilt: -30°+30° |
| | Control Speed | Pan: 0.1°/s ~ 100°/s; Tilt: 0.1°/s ~ 70°/s |
| AI | Smart Framing | Group Framing, Face Detection |
| | Voice Tracking | Voice Localization, Voice Tracking on/off |
| Mics | 6 mics arrays with 6 meters audio range | |
| Interface | Back Panel | HDMI, LAN(POE), USB3.0, A-IN, RS232-IN, DC12V Power Supply |
| | Video Output | HDMI, LAN, USB3.0 |
| | Video Compression Formats | LAN: H.264, H.265 USB 3.0: MJPG, H264, YUY2, NV12 |
| | Audio Input | Dual channel 3.5mm linear input |
| | Audio Output | HDMI, LAN, USB3.0 |
| | Audio Compression | AAC, MP3, G.711A |
| | Network Port | 10M/100M/1000M自适应以太网口, 支持POE供电, 支持音视频输出 |
| | Network Protocols | RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT support remote upgrade, remote restarting, and remote reset. |
| | Control Jack | RS232-IN |
| | Serial Port Communication Protocols | VISCA/Pelco-D/Pelco-P Baud Rate115200/38400/9600/4800/2400 |
| | USB Communication Protocols | UVC (Video Communication Protocols) , UAC (Audio Communication Protocols) |
| | Power Supply | HEC3800 power socket (DC12V) |
| | Power Adapter | Input: AC110V~AC220V ; Output: DC12V/2.5A |
| Product Dimension | 220 (L) mm×144mm (W) ×159mm (D) | |

Applicable Scenarios



Virtual Meeting



Training Session



Remote Telemedicine



Live Streaming



Thanks

**The Premier Global Video
Conferencing Cameras**

Company Email: office@globaledutech.in