

Data Sheet

iCAM-4K-20X-ACE

PTZ 4K20x Optical Zoom Camera

The iCAM-4K-20X-ACE is a dual-lens conference camera engineered for medium to large meeting rooms. It combines a 4K camera with a 90° field of view and 20x optical zoom for precise close-ups, together with a 4K 120° wide-angle camera that delivers full-room coverage. This design ensures comprehensive monitoring and high-quality video capture across the entire conference space.

Equipped with advanced AI smart tracking, the camera automatically detects and follows participants, keeping everyone clearly framed throughout the meeting. The 20x optical zoom enables detailed focus on individual speakers, while the 120° super wide-angle lens provides a clear panoramic view of the room, supporting more effective and engaging conferencing.



✓ Features

- 4K/90°/20x Optical Zoom Camera 4K/120° Digital Zoom Camera
- Characteristics of Panoramic Lenses
- Experience The Charm of Authentic Communication
- Dual-Camera 4K Intelligent Tracking
- Voice Tracking, Hearing Your Needs
- Diversified Installation, More Flexible and Personalized

✓ Technical Specifications

| CAMERA FEATURES | |
|--|---|
| Model Number | iCAM-4K-20X-ACE |
| Video Output | 4K 30FPS; 1080P 60/50/30/25/59.94/29.97FPS; 720P 60/50FPS |
| Camera | 4K/20x High-Definition Optical Zoom Horizontal Rotation: 360°, Vertical Rotation: 180° |
| Panoramic Camera | Wide Angles (Comes With an Electric Privacy Cover) |
| Automatically Frame Portraits | Supported |
| Speaker Tracking | Supported |
| Preset Position | Supported |
| Camera Privacy Protection | Included |
| AUDIO EXTENSIONS | |
| iCAM-POD7-ACE Conference Speakerphone Kit | Host + 2 Wireless Expansion Mics |
| Microphone | 4 Mics |
| INPUT/OUTPUT INTERFACE | |
| Ethernet Port | Available |
| Audio Port | 1x 3.5mm Linear Input Interface |
| Debug Port | Available |
| USB3.0 Type B Port | Available |
| HDMI Output | Available |
| R232 Input/Output | Available |
| RS485 Port | Available |

| | |
|-----------------------|---|
| 1/4 UNC Threaded Hole | Included |
| 3D SDI Port | Available |
| Power Port | Available |
| FITTINGS | |
| Remote Control | Included |
| USB Cable | Included |
| Wall-Mounted Shelf | Hanging Rack Kit |
| SYSTEM | |
| Operating System | Win7/8/10/11, Ubuntu, ChromeOS, MAC, Android9.0 |

✓ Product Details



- 1. Camera Indicator
- 2. 4K PTZ Camera
- 3. Panoramic Camera
- 4. 4 Microphone Array

- 5. IR Receiver Port
- 6. 1/4 UNC Threaded Hole
- 7. LAN (POE)
- 8. Line In

- 9. Debug Port
- 10. USB3.0 Type B Port
- 11. HDMI Port
- 12. RS485 Port

- 13. R232 Port(Out)
- 14. R232 Port(In)
- 15. 3D SDI Port
- 16. Power Port

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ISO 9001:2005 Certified Company:



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