AI Tracking Binocular Voice Camera C60



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CATALOG

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C60 Scene Image

Product Introduction

The C60 pairs dual-lens imaging with a linear microphone array, making it ideal for medium-to-large rooms and training spaces. A 1080p close-up lens provides 12x optical zoom and a 72.5° field of view, while a 1080p panoramic lens delivers an ultra-wide 110° view with automatic framing adjustments.

Featuring an integrated 8-element microphone array, this system achieves a Direction of Arrival (DOA) accuracy of under 5 degrees for precise audio-video coordination. It is designed to meet diverse meeting requirements, including discussions, speeches, presentations, and whiteboard sessions.

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Main Features

Dual-Lens 1080p

The 1080p close-up lens offers 12x optical zoom and a 72.5° field of view, while the 1080p panoramic lens provides an ultra-wide 110° angle. Automatic dual-lens switching ensures smooth motion and preserves fine detail at every distance.

Whiteboard and Auto-Framing

Pose and writing-gesture detection capture whiteboard content with clarity, facilitating more effective knowledge sharing. Auto-framing is a feature that automatically adjusts the composition of the image to keep everyone centered, in response to people entering or leaving, or to changes in seating arrangements.

Array Mic Precision

The 8-element linear array microphone captures images with up to 5 degrees of DOA clarity, with intelligent tracking and character centring, allowing for smoother transitions for remote attendees.

Unified AV Fast Setup

The C60 features a USB Host port, allowing the system to connect to Microphone Speakers (M12 and M6) via an external Bluetooth dongle. Additionally, it serves as a central hub, routing the conference's audio and video signals directly to the host.

Speaker and Presenter Tracking

In discussion mode, the system identifies who is speaking and automatically switches between wide and close-up views to make sure you can hear them clearly. Face detection works well in presentation mode, even when it's difficult to see the person in front of you.

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Product Specifications

Items	Function	Specification
Close-up view	• Image sensor • Focal distance • Aperture • Optical zoom • Digital zoom • Field of view • Focusing System • Minimum illumination • Shutter speed • Gain • Exposure control	• 1/2.8-inch CMOS, 2.14 million pixels • f=4.14mm-47.08mm • F1.6-F2.8 • 12 x • 16 x • 72.5°-6.3° • Automatic, manual, one-touch trigger, PTZ trigger • 0.5Lux • 1/60-1/10,000s • Automatic, Manual • Auto, Manual, Shutter Priority, Aperture Priority, Brightness Priority
Panoramic view	• Image sensor • Focal distance • Horizontal perspective • White balance • Exposure control	• 1/2.8-inch CMOS, 2.14 million pixels • f=1.89mm • 110° • Auto • Auto
Microphone	• Microphone array • DOA Accuracy • Maximum detection distance	• 8-Array Smartline Microphone • <5° • 8m
PTZ Functions	• Horizontal range • Vertical range • Horizontal rotation speed • Vertical rotation speed • Number of preset points	• -130°~+130° • -30°~+90° • 0.1°~100°/s • 0.1°~80°/s • 64

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Product Specifications

Items	Function	Specification
Interface	• Network	• 1 × 10/100M RJ-45 PoE
	• 3G-SDI	• 1 × 3G-SDI
	• HDMI	• 1 x HDMI OUT Audio Output Available
	• USB 2.0	• 1 x USB 2.0 Type-A HOST
	• USB 3.0	• 1 x USB 3.0 Type-B
	• Audio interface	• 1 x LINE IN 3.5mm Audio Interface
	• Reference Audio	• 1 x REF 3.5mm Audio Interface
	• Control interface	• 1 x RS-485 IN, 1 x RS-232 IN
	• Power connector	• DC 12V
	• Power switch	• Rocker switch
	• Wireless control	• Infrared remote
General norm	• Control protocols	• VISCA
	• Power consumption	• <20W
	• Working environment	• Operating Temperature, 0~40°C; Operating Humidity, 10 %RH ~ 90 %RH
	• Storage environment	• Storage temperature, -20°C to 60°C; storage humidity, 10 per cent RH to 90 per cent RH
	• Sizes	• 245mm*145mm*165mm
	• Weights	• <2KG
Equipment management	• Firmware Upgrade	• Support
	• Status Enquiry	• Support

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