

AI Dual-Lens Tracking Camera C60



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.

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.

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.

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.

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.

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.

Product Specifications

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

Product Specifications

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