

DH-VCS-C5A0

4K UHD Integrated USB Camera



- Three-in-one design: 4K UHD camera+beamforming microphone+ full-frequency speaker
- 4K UHD: 1/2.5" UHD CMOS, 8.51MP, 4K(3840x2160)@30fps.
- Wide FOV: 121° wide FOV (110° horizontal FOV), 5x zoom.
- Built-in electric tripod head: horizontal and pitch $\pm 15^\circ$ (range of motion).
- Built-in beamforming microphone: 6 meters pickup distance.
- Abundant Interfaces: HDMI 1.4b and USB 3.0. supported
- Bluetooth 5.0 supported.
- Easy to deploy: desktop, wall-mounted, TV/display mounted.
- Auto-framing & Speaker Tracking.

System Overview

The DH-VCS-C5A0 is a 4K UHD Integrated USB camera of SoundBar series, which is designed for small conference rooms with 5-12 people. This product is convenient for enterprises to flexibly carry out daily business talks and team collaboration remotely, creating relaxed, free and smooth communication and further improving work efficiency.

Technical Specification

Camera

Image Sensor	1/2.5 inches, CMOS
Effective Pixels	8.51MP
Resolution	4K/30, 1080P/30, 720P/30 etc
Lens Zoom	5x zoom
Field of View	121° (DFOV), 110° (HFOV), 75° (VFOV)
Tripod Head	Mechanical PTZ (MPT) + e-PTZ(EPTZ), EPTZ: Horizontal/ pitch $\pm 15^\circ$
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Color System /Compression	H.264 / MJPEG /YUY2 /NV12
S/N Ratio	≥ 55 dB
Backlight Compensation	Support

Audio

Built-in Beamforming Mic	6 meters pickup distance
Full-Frequency Speaker	96 dB SPL at 0.5 m

USB

Communication protocols	UVC 1.1~1.5
UVC PTZ Control	Support
Type of Connection	USB 3.0, backward compatible with USB 2.0
USB Audio	32K sampling rate, UAC1.0 support

Interfaces

HD Output	1 x HDMI, Version 1.4b
USB Interface	1 x USB3.0, Type C; 1 x USB2.0, Type A
Wireless	Bluetooth data communication(Bluetooth 5.0)

Installation

Installation Method	Desktop placement/Wall mounting/Installation with wall-mounted TV, etc.
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Physical Features

Power Supply	DC 12V, 2A (MAX)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Dimensions	600mm*135mm*117mm
Net Weight	2.5Kg
Safety Protection	Kensington Lock
Accessories	USB Cable