

DH-VCS-SD500

Speakers Tracking Camera



System Overview

The DH-VCS-SD500 is a 1080P PTZ USB camera which provides users with the ultimate video conferencing experience. Combined with tracking camera and the Full view EPTZ camera, DH-VCS-SD500 provides large and flexible horizontal angle of 72.5° and 98°. Also, it supports various kind of interfaces and video codes, realizes 1080P@60fps video conferencing experience. Moreover, implemented with audio positioning and intelligent face detection algorithm, DH-VCS-SD500 is able to apply the auto-framing tech, which can detect all the participants in the meeting.

Technical Specification

Video

Image Sensor	1/2.8" CMOS
Effective Pixels	2MP
Resolution	Max Support 1920*1080@60fps
Video Codec	H.264/H.265/MJPEG
Optical Zoom	12x
Digital Zoom	12x
Focal Length	f=3.9mm-46.8mm
Aperture	F1.6-F2.8
Field of View	6.43° ~ 72.5°
Minimum Illumination	0.5Lux
Electronic Shutter Speed	1/1 to 1/10,000s
Focus	Auto, Manual, PTZ Trigger, One Push Trigger
Noise Reduction	2D NR/3D NR
Others	Auto Gain Control, BLC, White Balance

- Tracking camera: 1/2.8" 2MP CMOS, 12X optical zoom, horizontal FOV up to 72.5 degree
- Full view EPTZ camera: 1/2.5" 8.57MP CMOS, 4X digital zoom, horizontal FOV up to 98 degree & an EPTZ 4K full-view camera.
- Resolution up to 1080p60, provide high quality of video experience.
- Support multiple interfaces: HDMI, USB2.0, 3G-SDI Implemented with audio positioning and intelligent face detection algorithm.
- network interfaces implemented with audio positioning and intelligent face detection algorithm.
- Auto switch between close-up image and EPTZ full-view image.

Image Sensor	1/2.5" CMOS, 8.57 megapixel, Max 4K @ 30fps
Optical Zoom	4X, f=2.8
Pan Angle	98°
Denoise	2D & 3D DNR, ≥ 50dB
Minimum Illumination	1Lux
Video Adjustments	Support EPTZ

PTZ

Pan	Pan: -90°~+90°
Tilt	Tilt: -30°~+90°
Presets	64

Interfaces

Video Output	3G-SDI, HDMI
Audio input	2x 3.5mm LINE IN, One way for the echo elimination reference audio
Audio Output	1x LINE OUT
USB Interface	USB 2.0, Support UVC/UAC
Network Interface	1x 10M/100M RJ45

Installation

Installation	Horizontal/Ceiling/Wall
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Physical Features

Power Supply	12V DC
Power Consumption	<20W
Operating Conditions	0°C-40°C
Dimensions(W × D × H)	245mm×145mm×165mm
Weight	<2KG
Color	Black