

DH-VCS-C5A0

Full-HD USB3.0 Video Conferencing PTZ Camera



- Delicate, elegant design
- 60fps @ 1080P, 12x optical zoom and 16x digital zoom PTZ camera
- H.264 Slice/SVC encoding
- New Starlight technology guarantees clear images even under low light conditions
- WDR, 2D/3D DNR

System Overview

Dahua USB 3.0 PTZ Camera DH-VCS-C5A0 is a small-sized, integrated USB3.0 full HD conferencing PTZ camera. It features a fast, accurate and stable auto vari-focal lens with up to 12x optical zoom and 16x digital zoom, viewing wide angle images at a distance. The camera is easy to operate, it only needs to connect the device to the power and it will provide high-quality video images for the users. It delivers a vivid and sharp image to bring you face to face lifelike experience for any size office, conference room and meeting center

Functions

Outstanding Full-HD Image

Benefit from 1/2.7" 2.1MP CMOS sensor, C7A0 delivers a 60fps @ 1080P Full-HD image. The C7A0 features a fast, accurate and stable auto vari-focal lens with up to 12x optical zoom and 16x digital zoom, viewing wide angle images at a distance.

H.264 Slice/SVC encoding

Thanks to our advanced encoding technology, C5A0 can ensure a smoother video experience in various applications.

Wide Dynamic Range

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the various environments with different illuminance, able to restore original image no matter how harsh the environment is

Advanced 2D/3D Digital Noise Reduction

The application of 2D and 3D noise reduction algorithm greatly reduces the image noise. Even under the condition of ultra-low illumination, it still keeps the picture clean and clear, and the SNR of image is as high as 55dB.

Dual Stream

C5A0 supports dual channel stream output simultaneously (any two of YUY2, MJPEF and H.264).

Remote Control

Easy to control camera pan/tilt/zoom functions during meetings.

All-in-one Design

Compact all-in-one design, full-function USB 3.0 interface makes power supply, video and audio in one. Supports Built-in microphone array and audio cable input. And AAC audio coding makes your voice better presentation and less bandwidth.

Plug-and-play, Easy to Deploy

Easily connects to your PC, laptop, and other devices via USB interfaces with no driver software required. Standard wall mount bracket, suitable for wall mount mode if the monitor thickness is more than 170mm or it needs to be installed on the wall, stable and reliable.

Technical Specification

Camera Feature

Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=3.5mm~42.3mm
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support

USB Features

Operate System	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux
Color System / Compression	YUV 4:2:2 / H.264 / MJPEG
Video Format	USB3.0 1080p@60fps/50fps/30fps/25fps 720p@60fps/50fps/30fps/25fps, USB2.0 1080p@30fps/25fps/15fps/10fps 720p@30fps/25fps 960x540p@30fps/25fps, 640x360p@60fps/50fps
USB Video Communication Protocol	UVC 1.0 ~ UVC 1.5
UVC PTZ	support

Input/Output Interface

USB Interface	1xUSB 3.0: Type B female jack
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General specification

Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
Size	128.5x118x156.2mm
Net Weight	0.91K g
MTBF	>30000h

Certifications

CE/FCC

Ordering Information

Type	Part Number	Description
Camera	DH-VCS-C5A0	Full-HD USB3.0 Video Conferencing PTZ Camera