

DH-VCS-C3A0

Full-HD Video Conferencing USB Camera



- Delicate, elegant design
- Max 30fps @ 1080P
- Ultra-wide 120° Field of View
- New Starlight technology guarantees clear images even under low light conditions
- WDR, 2D/3D DNR

System Overview

Dahua USB Camera DH-VCS-C3A0 is a small-sized USB full HD Video Conferencing Camera, which is an ideal choice for small and huddle meeting rooms. It can provide 25fps/30fps@1080P image, compatible with 720P and below. Benefit from the ultra-wide 120° field of view, C3A0 realizes to view every seats in the meeting rooms clearly. Utilizes an all-in-one design with 1080P HD camera, power supply, and MIC, the C3A0 supports the Plug- and- Play USB connection and easily compatible with various video conferencing software endpoints and cloud-based conferencing, which you already use.

Plug-and-play, Easy to Deploy

Easily connects to your PC, laptop, and other devices via USB interfaces with no driver software required. Standard damping rotary shaft bracket, suitable for almost all monitor on the market, easy installation, stable and reliable..

Functions

Outstanding Full-HD Image

Benefit from 1/2.7" 2.1MP CMOS sensor, C3A0 delivers a 30fps @ 1080P Full-HD image. At the same time, it is compatible with 720P and below. The C3A0 features a clear, vivid and stable image to simply work with your software clients.

Ultra-wide 120° Field of View

Benefit from the ultra-wide 120° field of view , C3A0 enables everyone in the room to be seen, realizes to view a wide angle meeting image clearly

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.

All-in-one Design

Compact all-in-one design, full-function USB 2.0 interface makes power supply, video and audio in one. Built-in microphone array can pick up sound distance up to 4 meters. And unique noise suppression algorithm makes your voice perfect presentation

Technical Specification

Camera Feature

Video System	MJPEG:1600x896(default), 160x120, 176x144, 320x240, 352x288, 640x480, 720x576, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x272, 424x240, 320x180, 1920x1080 YUY2:1920x1080(default), 160x120, 176x144, 320x240, 352x288, 640x480, 1280x720, 960x540, 640x360, 480x272, 424x240, 320x180 H.264:1600x896(default), 160x120, 176x144, 320x240, 352x288, 640x480, 720x576, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x270, 424x240, 320x180, 1920x1080
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=2.8mm, FOV: 120°
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera bracket	bracket with damper
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support

USB Features

Operate System	Windows® 7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port
Color System / Compression	MJPEG/YUY2/H.264/
Video Format	/50fps/30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps
USB Video Communication Protocol	UVC 1.0 ~ UVC 1.5

Input/Output Interface

USB Interface	1xUSB 2.0: Type A,
---------------	--------------------

General specification

Input Voltage	5V (USB power supply)
Current Consumption	TBD
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)

Ordering Information

Type	Part Number	Description
Camera	DH-VCS-C3A0	Full-HD Video Conferencing USB Camera