

ARV-VC 600

360° all-in-one conference camera

360° all-in-one conference camera integrates a 360° camera, speaker, and voice-tracking microphones in a portable and stylish design. This all-in-one conference camera provides you a vivid face-to-face meeting experience by delivering 4K UHD video with crystal clear audio. Combining a 360° camera, 4 omnidirectional microphones and full duplex speaker in an affordable package. It offers the features of auto framing and voice tracking that is unique at a budget price range. Plug-and-play and compatible with a variety of video conference platforms.



USB Plug & Play

Plug in the power and USB cable anytime, anywhere, and you can start a video conference.



1080p
FULL HD

4K
ULTRAHD



4K UHD CMOS Sensor

Crystal clear image with resolutions up to 4K@30Hz, Built-in 4x lenses, each camera with 5 Mega Pixel, deliver you vivid video images.

Beaforming Auto-tracking

Adopt advanced Intelligent algorithm technology which recognizes and highlights the active speakers. (A green frame shows the active speaker)



360° Omnidirectional coverage

Its 360° Omni-directional & up-to 5 meters radius, voice pickup capacity means you can host up to 10 participants.

Auto Framing

Camera automatically adjust to keep participants centered within a few seconds.



Specification

Product Model

Arvia ARV VC600

Image Sensor

1/2.7" CMOS Sensor

Max Frate Rate

2592H x 1944V @30fps 10 bits

Effective Pixels

5.0 Megapixels

Stitching Technology

Dynamic Real + Time Stitching Technology

Field of View

140° (D), 140° (H), 103° (V)

Hardware Out

4992x928@30fps (Panorama Only) 1920x1080@30fps, 1280x720@30fps, 640x360@fps(Panorama, Top Down,Panning) DOA: Direction of Arrival

Resolution

Input: 4992x928 / 30fps Output:1920x1080 / 30fps

Modes

Compose / Focus / Grid / Body fit / Speaker / Top-Down

Video Format

MJPG/YUV2

Tools

Lighting : 0 - 100; 3D NR : 0 - 100; Gamma : 0 - 100; EV Adjust : -2 ~ +2; Flicker : Auto , 50Hz / 60Hz; Reset : Reset to Factory Setting

Advantages

High resolution, low distortion; Flexible screen layout with hardware dynamic ROI crop; AI & Beam Forming integration;

Features

Adaptive ROI; People Tracking; Beamforming Tracking

Button

Mute Button (Touch SW); Mode Select Button, (Switch H/W Image Output Mode and DOA Function)

Microphone Array

Built-in 4 Digital Microphones / Unidirectional Microphones

Pickup Range

5M

Far-Field Voice Capture

Support

Acoustic Echo Cancellation

Yes

Response Frequency

200 Hz to 8k Hz

Sound Playback Frequency Range

200 Hz to 10k Hz

Speaker

Full-Range Speaker x 1

Sound Pressure

70db \hat{T} (@1m at : pink noise 0dB)

LED Display

Circularity 12*2 Blue LED Indicators / Touch Button Display RGB colors

Physical Interfaces

DC In : DC Jack Φ 2.5mm

Operating Environment

Temperature : 0 to 40 °C / Humidity : 10 to 90%

Size

67.5mm x 67.5mm x 182.3mm



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