

# AV-CM44-VCUC-B

## Avonic Video Conference Camera Black

The Avonic AV-CM44-VCUC is a high-quality USB video conferencing PTZ camera with IP-control and a discrete design. The CM44-VCUC, with its versatile horizontal FOV of 83.7° and flexible 5x optical zoom range, is suitable for small to medium size meeting rooms.

This easy to use USB video conference camera has a plug-and-play design and can easily be controlled with the handheld IR remote. The camera has extremely silent mechanical Pan/Tilt/Zoom and can either be mounted on the wall or the ceiling.

Due to the high SNR CMOS sensor in the CM44-VCUC its possible to obtain a pristine video quality even under low light conditions, making it ideal for every conference room. Easily create high-quality video that feels like you are together in the same room.



## Features

<b>Lens</b>	High-quality glass lens, 5x optical zoom and 83.7° horizontal Field of View.
<b>Low light</b>	High SNR CMOS combined with digital noise reduction, the picture is clear even under low illumination (0.5 lux @ F1.8) conditions.
<b>Full HD 1080p30</b>	With 1/2.8"high-quality CMOS sensor (2.07 Megapixel) the camera has a resolution of 1920 x 1080p30and achieves a picture of great quality.
<b>Output</b>	USB 2.0 up to 1080p30.
<b>Control</b>	Control the camera with common protocols: VISCA , Visca over IP, Pelco-D/P via RS232, RS485 or IR, remote control included.
<b>Presets</b>	Up to 255 presets with 0.1° accuracy.

## Applications

- Education
- Churches
- Video Conferencing
- Healthcare
- Broadcasting
- Courtroom
- Live Events
- And more

# SPECIFICATIONS

## Camera

<b>Video Systems</b>	1080p30 16:9/720p30 16:9/ 576p30 16:9/ 540p30 16:9/ 360p30 16:9/ 180p30 16:9/ 768p30 16:9/ 600p30 4:3/ 480p30 4:3
<b>Sensor</b>	1/2.8" CMOS, 2.07mp, 16:09
<b>Shutter</b>	Auto, Manual
<b>Scanning mode</b>	Progressive, Interlaced
<b>Zoom/Aperture/Focal length</b>	5x optical/ F1.8-F11/ 3.1-15.5 mm
<b>Minimal Illumination</b>	0.5 (F1.8, AGC On)
<b>White Balance</b>	Auto, Manual, OnePush, 3000K-7000K in steps of 500K
<b>Backlight Compensation</b>	supported
<b>Digital Noise Reduction</b>	2D & 3D DNR
<b>Signal Noise Ratio</b>	>55 dB
<b>Horizontal FoV wide ~ tele</b>	83.7° ~ 20°
<b>Vertical FoV wide ~tele</b>	53° ~ 11°
<b>Horizontal rotation</b>	-170° ~ +170°
<b>Vertical rotation</b>	-30° ~ +90°
<b>Pan speed range</b>	0.1 ~ 120°/s
<b>Tilt speed range</b>	0.1 ~ 70°/s
<b>H&amp;V image flip</b>	supported
<b>Number of presets</b>	255
<b>Preset accuracy</b>	0.1

## Input / Output Interface

<b>USB output</b>	1080p30 USB2.0
<b>Network interface</b>	RJ45 for IP control and FW update
<b>IP control protocol</b>	VISCA OVER IP
<b>Serial communication</b>	RS232 8DIN + RS485 2pin Phoenix
<b>Serial protocol</b>	VISCA, PELCO-P, PELCO-D

## General Specifications

<b>Input voltage</b>	12V
<b>PoE</b>	No PoE
<b>Power consumption</b>	12W
<b>Power supply</b>	12V2A
<b>Power connector</b>	EIAJ-3 - Philmore 275 screw lock
<b>Operating temperature</b>	-5°C ~ 40°C
<b>Storage temperature</b>	-20°C ~ 60°C
<b>Operating humidity</b>	20% ~ 95% non-condensing
<b>Bottom fastening screw thread</b>	1/4" 20 UNC
<b>Color</b>	Black
<b>Dimensions product wxhxd</b>	132x180x153mm
<b>Weight product</b>	1.6 kg
<b>Dimensions box</b>	27 x 25 x 23 cm
<b>Weight box</b>	2.5 kg
<b>Included</b>	power adapter, remote control, RS232 cable, USB2.0 cable (A-A), RS485 connector

## Back of the camera



## CE Marking

