

DATASHEET 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 it's 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

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

Applications

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

SPECIFICATIONS

Camera

Resolution	1080p30
Video Systems	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
Sensor	1/2.8" CMOS, 2.07mp, 16:09
Shutter	Auto, Manual
Scanning mode	Progressive, Interlaced
Zoom/Aperture/Focal length	5x optical/ F1.8-F11/ 3.1-15.5 mm
Minimal Illumination	0.5 (F1.8, AGC On)
White Balance	Auto, Manual, OnePush, 3000K-7000K in steps of 500K
Backlight Compensation	supported
Digital Noise Reduction	2D & 3D DNR
Signal Noise Ratio	>55 dB
Horizontal FoV wide ~ tele	83.7° ~ 20°
Vertical FoV wide ~tele	53° ~ 11°
Horizontal rotation	-170° ~ +170°
Vertical rotation	-30° ~ +90°
Pan speed range	1.7 - 120°/s
Tilt speed range	1.7 - 70°/s
PTZ speed mode (high/low)	Supported
PTZ preset speed	Configurable
H&V image flip	supported
Number of presets	255
Preset accuracy	0.1

Back of the camera



Input / Output Interface

USB 2.0 streaming	1080p30
Network interface	RJ45 for IP control and FW update
IP control protocol	VISCA OVER IP
Serial communication	RS232 8DIN + RS485 2pin Phoenix
Control	UVC, IR Remote, IP, Serial
Control protocol	VISCA (over Serial), PELCO-P, PELCO-D

General Specifications

Input voltage	12V
PoE	No PoE
Power consumption	12W
Power supply	12V2A
Power connector	EIAJ-3 - Philmore 275 screw lock
Operating temperature	-5°C ~ 40°C
Storage temperature	-20°C ~ 60°C
Operating humidity	20% ~ 95% non-condensing
Bottom fastening screw thread	1/4" 20 UNC
Color	Black
Dimensions product wxhxd	133 x 180 x 153mm
Weight product	1.6 kgs
Dimensions box	27 x 25 x 23 cm
Weight box	2.5 kg
Included	power adapter, remote control, RS232 cable, USB2.0 cable (A-A), RS485 connector

Markings

