

AV-CM20-VCU

Avonic 4K Video Conference Camera USB3.0

The Avonic CM20-VCU is a high-quality 4K USB 3.0 video conferencing PTZ camera with integrated dual microphones. The camera is equipped with a 4K sensor and has digital PTZ capabilities.

Our engineers in The Netherlands built the camera to last which results in the 2 year warranty on this camera.



Features

Lens: Auto focus lens with 120° Horizontal FOV.

Ultra HD 4K: 2160P ultraHD, 1/2.5 inch, progressive high quality CMOS sensor.

Output: Up to 2160p30 on HDMI and USB 3.0, 1080p30 on USB 2.0

Control: Control the camera with UVC, IR remote control included

Presets: Up to 10 presets with 0.1° accuracy.

Applications

- Video Conferencing
- And more
- Huddle rooms

Camera

Video Systems (HDMI)	2160p/30, 1080p/30, 1080i/60
Video Systems (USB)	2160/p30, 1080p/30, 720p/30, 160x120, 176x144, 320x240, 352x288, 640x480, 750x576, 1600x896, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x272, 424x240, 320x180p30.
Sensor	1/2.5", CMOS
Shutter	Auto, Manual
Scanning mode	Progressive
Lens	Horizontal FoV 120°, f=2.8 Vertical FoV 67.5° Digital Zoom: 1.5x/2x/3x/4x/8x
Minimal Illumination	0.05 Lux
White Balance	Auto, 3000K/Indoor, 5000K/Outdoor, One Push, Manual
Backlight Compensation	Supported
Digital Noise Reduction	2D & 3D DNR (Adjustable)
Signal Noise Ratio	>55 dB
Horizontal angle	120°
Vertical angle	67.5°
H&V image flip	Supported
Number of presets	10
Preset accuracy	0.1
Microphones	2, in Stereo, with noise cancelling

Input/Output Interface

HDMI interface	2160p30
USB interface	2160p/30 USB3.0

General specifications

Input voltage	USB 5V
Power consumption	5W (Max)
Power supply	5VIA
Power connector	USB 3.0 type A to B
Operating temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Operating humidity	20% ~ 95%
Bottom fastening screw thread	1/4" 20 UNC
Color	Black
Dimensions product	195x69x90mm
Weight product	339 gram
Dimensions box	240x115x120mm
Weight box	750 gram
Included	Power Adapter, Remote Control, USB cable

