CM22-VCU

4K USB3.0 Huddle Camera with HDMI Output

The Avonic CM22-VCU boasts a 4K wide-angle lens up to 120 degrees FOV that makes sure you can capture all attendees.

It's Smart automatic and fully user configurable modes guarantee crystal clear video even under the most challenging light conditions.

Built in dual microphones allow for high quality audio capture.

A true integration product with a discrete design and flexible mount developed for PRO-AV installations. It can be easily mounted either on top of or below a screen for optimal line of sight during a meeting. The mount can be used in combination with modern thin-bezel screens.

Designed to last the CM22-VCU comes with 3 year warranty

Features

Lens: Auto focus lens with 120° Horizontal FOV.

Crystal Clear Image: 4K Progressive CMOS sensor 2160P ultraHD

Output: HMDI and USB3.0 up to 4K30 or 1080p30 when using USB 2.0

Presets: 10 user definable preset with Digital Pan Tilt and Zoom including startup preset

Audio: Built in noise cancelling microphones with 4 meter pickup range.

Control: Control the camera via any UVC based videoconference application or the included IR remote control

Mount: The camera comes with an included detachable integration mount with the ability to secure and mount the camera above or below a screen.

Applications

- Education
- Desktop Video Conferencing
- Medium Size Meeting Rooms
- And more
- Telemedicine
- Small Size Meeting Rooms
- Huddle Rooms

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SPECIFICATIONS

Camera

Video Systems HDMI Video Systems USB	2160p/30, 1080p30, 1080i60, 1080i50 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, 8.51 MP
Shutter	1/30s ~1/10000s
Scanning mode	Progressive
Lens	f=2.8mm, 120° FoV
Minimal Illumination	0.05 LUX
White Balance	Auto, Outdoor, Indoor, Manual, OnePush, Variable 2500K-8000K in steps of 100K
Backlight Compensation	present
Lens Distortion Correction	present
Digital Noise Reduction	2D & 3D DNR
Signal Noise Ratio	>55 dB
Horizontal Field of View	120°
Vertical Field of View	67,5°
H&V image flip	supported
Number of presets	10
Preset accuracy	0.1
Microphones (active on USB only)	2
Microphones pick up range	4 meter

Output Interface

HDMI output (video only)	version 1.4, 2160p30
USB output (microphone + video)	USB3.0, type B female, 2160p30 USB2.0 max. 1080p30
Control protocol	Standard UVC drivers in computer OS

General specifications

Input voltage	5V
Power consumption	4W
Operating temperature	-5ºC ~ 40ºC
Storage temperature	-20ºC ~ 60ºC
Operating humidity	20% ~ 95% non-condensing
Bottom fastening screw thread	1/4" 20 UNC
Color	Black
Dimensions product excl. mount and connectors. WxHXD (mm)	219x43x58mm
Dimensions product incl. mount. WxHXD (mm)	219x52x61~205mm (depth depends on mounting position)
Weight product	480 gram
Dimensions box WxHXD (mm)	310 x 97 x 258
Shipping weight	1159 gram
In the box	1 x AV-CM22-VCU camera + adjustable mount 4 x USB psu (EU, UK, US, AUS) 1 x remote control CM-RC 1 x 1.8m USB 3.0 A to B cable 1 x lens cap 1 x quick guide