

# AV-CM40

Avonic PTZ Camera 20x Zoom



The Avonic CM40 is a high-quality PTZ camera with a fresh new design. The camera is extremely silent and gives a pristine video quality.

Our engineers in The Netherlands built the camera to last which results in the 3 year warranty on this camera.



## Features

**Lens:** High-quality glass lens, 20x optical zoom and 54.7° horizontal angle 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 1080p60:** With 1/2.8" high-quality CMOS sensor (2.07 Megapixel) the camera has a resolution of 1920 x 1080p60 and achieves a picture of great quality.

**Output:** 3G-SDI, HDMI up to 1080p60 and USB 2.0 up to 1080p30.

**Control:** Control the camera with common protocols: VISCA , Pelco-D/P via RS232, RS485 or IR, remote control included.

**Presets:** Up to 255 presets with 0.1° accuracy.

## Applications

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

Distributor / Vertrieb:

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# Specifications

## Camera

Video Systems	1920x1080 / 1280x720 p60/50/30/25/59.94/29.97 1920x1080 i60/50/59.94
Sensor	1/2.8" CMOS, 2.07mp, 16:9
Shutter	Auto, Manual
Scanning mode	Progressive, Interlaced
Lens	20x zoom, F1.6-F3.5, 5.2-98mm
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 angle	57° ~ 6.3°
Vertical angle	36.5° ~ 3.6°
Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Pan speed range	0.1~72°/s
Tilt speed range	0.1~35°/s
H&V image flip	supported
Number of presets	255
Preset accuracy	0.1
Audio line in	not supported

## Versions

Black	AV-CM40-B
White	AV-CM40-W



## Input/Output Interface

HDMI output	1080p60
SDI output	1080p60, SMPTE 425M level A, 8-bit YCbCr 4:2:2
DVI output	not supported
USB output	1080p30 USB2.0
SD output	not supported
Network interface	RJ45 for firmware update only
HDBaseT	not supported
Serial communication	RS232 8DIN + RS485 2pin Phoenix
Serial protocol	VISCA, 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%
Bottom fastening screw thread	1/4" 20 UNC
Color	White, Black
Dimensions product	132x180x153mm
Weight product	1.6 kg
Dimensions box	27x25x23cm
Weight box	2.5 kg
Included	power adapter, remote control, RS232 cable, USB2.0 cable (A-A)



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Version 1.4