

AV-CM40-B/W

1080p 60 fps 20x zoom PTZ Camera

The Avonic AV-CM40-B/W camera is designed for fixed installations. Without concessions on quality, this camera is an affordable choice for many installations. The camera is equipped with a high quality HD CMOS sensor combined with a high-quality glass lens with 20x optical zoom.

Control this camera over RS232/485 with the Avonic CM-CON100 PTZ controller or any third party controller that supports VISCA, Pelco-P/D protocols.

Available in off-white AV-CM40-W and black AV-CM40-B



Features

- 20x optical zoom
- FullHD 1080p60 on HDMI and 3G-SDI
- USB 2.0 output with resolutions up to 1920x1080p30
- Video output simultaneously on HDMI and 3G-SDI
- Available in black and white

Specifications

Video Formats	1920x1080 / 1280x720 p60/50/30/25/59.94/29.97 1920x1080 i60/50/59.94
Sensor	1/2.8", HD CMOS, Effective pixel: 2.07M 16:9
Shutter	Auto, Manual
Scanning mode	Progressive, Interlaced
Lens	20x optical zoom
Iris	F1.6-F3.5
Focal Length	5.2-98mm
Minimal Illumination	0.5 lux (F1.8, AGC On)
White Balance	Auto, Manual, OnePush, 3000K-7000K in steps of 500K
Backlight Compensation	On, Off
Digital Noise Reduction	2D, 3D DNR
Signal/Noise Ratio	>55dB
Horizontal Angle of View	3.3° (tele) – 54.7° (wide)
Pan speed	0.1° – 60°/sec
Tilt Speed	0.1° – 30°/sec
Horizontal Rotation	-170° – +170°
Vertical Rotation	-30° – +90°
Image Flip HV	Supported
Number of Presets	255

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HDMI video output	1080p60 max
SDI video output	3G-SDI
USB video output	176x144 up to 1920x1080 progressive at 30/25/20/15/10/5 Hz
IP video output	Not available
RS232 In/Out	8pin Min DIN, Max distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
RS485	2pin Phoenix connector, Max distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Voltage	12V / 1.5A
Power Consumption	18W
Ethernet port	For firmware updates
Camera Dimensions	150x150x168.5 mm
Camera Weight	1.6 kg
Color	Off-white or Black
IR remote control	Included

Connections