

CM60

Avonic PTZ Camera 20x Zoom White

The Avonic CM60 is a high-quality PTZ camera, with a HDMI, 3G-SDI and CVBS output. The camera is designed for fixed installations and works very well in low light conditions. The camera is equipped with high quality components like a Panasonic CMOS sensor and a TAMRON glass lens with 20x optical zoom. Control the camera over RS232 or RS485 with an Avonic PTZ controller or any controller with VISCA or PELCO support.



Features

Lens: High-quality TAMRON glass lens, 20x optical zoom and 60.7° horizontal angle view.

Low light: High SNR CMOS combined with digital noise reduction, the picture is clear even under low illumination (0.05 lux @ F1.8) conditions.

Full HD 1080p60: With Panasonic's 1/2.7" high-quality CMOS sensor (2.07 Megapixel) the camera has a resolution of 1920 x 1080p60 and achieves a picture of great quality.

Output: HDMI, 3G-SDI simultaneously and CVBS output.

Control: Control the camera with common protocols: VISCA , Pelco-D/P via RS232, RS485. 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

SPECIFICATIONS

Camera

Video Systems	1920x1080/1280x720 p60/50/30/25/59.94/29.97 1920x1080 i60/50/59.94, 1080p, 60fps
Sensor	1/2.7" CMOS, 2.07mp, 16:09
Shutter	Auto, Manual, 1/10000, 1/30
Scanning mode	Progressive, Interlaced
Lens	20x zoom, F1.8-F2.8, 4.42-88.5mm
Minimal Illumination	0.05 (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	60.7° ~ 3.36°
Vertical angle	34.1° ~ 1.89°
Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Pan speed range	1.7-100°/s
Tilt speed range	1.7-70°/s
H&V image flip	supported
Number of presets	255
Preset accuracy	0.1
Audio line in	not supported

Input/Output Interface

HDMI output	1080p60
SDI output	1080p60, SMPTE 425M Level A, 8-bit RGB 4:2:2
DVI output	not supported
USB output	not supported
SD output	CVBS (RCA Jack max 576i)
Network interface	RJ45, 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-4 - Philmore 255 plug
Operating temperature	-5°C ~ 40°C
Storage temperature	-20°C ~ 60°C
Operating humidity	TBD
Bottom fastening screw thread	1/4" 20 UNC
Color	White
Dimensions product	142x169x176mm
Weight product	1.5 kg
Dimensions box	26x24x24cm
Weight box	2.4 kg
Included	power adapter, remote control, RS232 cable

