

ES-ACAMB-54365 HS

5MP Full-Color Fixed-Lens Audio Bullet Analog 4 in 1 Camera



Functions

Full-Color

With high-performance sensor and large aperture lens, Ecovision Full-color technology can display clear colorful image in the environment of ultra-low light. With this photosensitivity technology, the camera can capture more available light, and display more colorful image details. It's aimed to catch color in further, broader and finer dimensions in dark environment, to perform vivid and detailed video for all round protection.

Digital Audio-over-Coax (DAC)

Audio information can bring supplementary evidence for video surveillance. DAC technology is able to transmit audio and video over the same coaxial cable, which greatly simplifies installations and saves labor and maintenance costs. In order to provide users with a lossless and real-time auditory experience and a high-quality video & audio surveillance solution

Automatic Gain Control (AGC)

In low-light conditions Automatic Gain Control (AGC) to artificially improve their "dynamic range" and produce usable images. AGC is basically a form of amplification where the camera will automatically boost the image so that objects can be seen more clearly.

Analog 4 in 1

The camera supports multiple video formats CVI/CVBS/AHD/TVI common HD analog formats in the market. The four formats can be switched over through OSD menu or Auto. This feature makes the camera to be compatible with most end users' existing DVRs.

- 5.0MP 1/3" SC401AI Low illumination and high definition image CMOS sensor.
- Super Aperture and advanced sensor ensure excellent color imaging in ultra-low light.
- Blue light weighted radiance is Lower light pollution, less harm to human eyes.
- Built-in warm illuminator and the max. illumination distance is 30 mtr.
- Analog 4 in 1 (CVI/CVBS/AHD/TVI) Auto switchable.
- Max. 25 fps@5MP 2560 (H) × 1944 (V) Resolution
- Image Features: Support 2D/3D NR, Digital Wide Dynamic Range (WDR) / Automatic Gain Control (AGC)
- Sound Management: 30 ft of audio pickup range with its built-in MIC and noise reduction algorithms.
- 12 Vdc Power Supply, easy for installation.

Advanced 3D NR

3D NR is noise reduction technology that detects and eliminates random noises by comparing two sequential frames. Dahua's advanced 3D NR technology allows remarkable noise reduction with little impact to sharpness, especially under limited lighting condition. Besides, the advanced 3D NR effectively decreases the band width and saves the storage space.

Wide Dynamic Range (WDR)

With high-performance sensor and large aperture lens, Ecovision WDR technology improves a camera's image quality under high-contrast lighting conditions where both dimly and brightly lit areas are present in the field of view. It enables the camera to capture details clearly in both the poorly and strongly illuminated areas of the video.

Built-in mic

Audio information is used as supplementary evidence in video surveillance applications. The camera supports audio signal transmission over coaxial cable. In addition, it adopts unique audio processing and transmission technology that best restores source audio and eliminates noise, guaranteeing the quality and effectiveness of collected audio information.

Protection (IP67, Wide Voltage)

IP67: The camera passes a series of strict test on dust and soak.

Wide voltage: The camera allows $\pm 30\%$ (for some power supplies) input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Technical Specification

Camera

Image Sensor	1/3" CMOS
Max. Resolution	2592 (H) × 1944 (V)
Pixel	5MP
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/50 s–1/100,000 s
Min. Illumination	0.006lux@F1.6 (Color, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	up to 30 m (98.43 ft) (Warm light)
Illuminator On/Off Control	Auto; Manual
Illuminator Number	4 (Warm light)
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°

Lens

Lens Type	Fixed-LENS				
Focal Length	3.6 mm				
Max. Aperture	F1.6				
Field of View	3.6 mm: H: 78°; V: 41°; D: 94°				
Iris Control	YES				
Close Focus Distance	3.6 mm: 1.6 m (5.25 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6 mm	85.4 m (280.18 ft)	34.2 m (112.20 ft)	17.1 m (56.10 ft)	8.5 m (27.89 ft)

Port

Video Output	1 BNC output Support CVI/TVI/AHD/CVBS
--------------	--

Video

Video Frame Rate	CVI: 5M@20 fps, 4M@25 fps/30 fps, 1080p@25 fps/30 fps;
	AHD: 5M@20 fps;
	TVI: 5M@20 fps;
	CVBS: 960H
Resolution	5M (2592 × 1944); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480))
Day/Night	Auto(ICR)/Color
BLC	Yes
WDR	120 dB
White Balance	Auto/manual
Gain Control	Auto; Manual
Noise Reduction	3D NR
Smart Light	Yes
Region of Interest (ROI)	Yes (4 areas)
Mirror	Off/on
Privacy Masking	YES

Audio

Built-in MIC	Yes
Audio Compression	G.711a; G.711Mu; PCM; G.726

Power

Power Supply	12V ±30% DC
Power Consumption	Max 7.7W (12V DC, warm light on)