ANALOGUE HD ⚙

Manual Zoom Bullet Camera
2MP/5MP/4K Manual Zoom Bullet HD Camera

4 Signals over 1 Coaxial Cable

HD-over-Coax technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously, i.e. video, audio*, data and power. Dual-way data transmission allows the HD-over-Coax camera to interact with the HCVR, such as sending control signal or triggering alarm. Moreover, HD-over-Coax technology supports PoC for construction flexibility.

Long Distance Transmission

HD-over-Coax technology guarantees real-time transmission at long distance without any loss. It supports up to 800m(1080P)/1200m(720P) trans mission via coaxial cable, and up to 300m(1080P)/450m(720P) via UTP cable.

Smart IR

The camera is designed with microcrystalline LED IR illumination for best lowlight performance. Smart IR is a technology to ensure brightness uniformity in B/W image under low illumination. The unique Smart IR adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object, and prevents IR LEDs from overexposing images as the object come closer to the camera.

Multi-formats

The camera supports multiple video formats including HDCVI, CVBS and other two common HD analog formats in the market. The four formats can be switched over through OSD menu or by PFM820(UTC controller). This feature makes the camera to be compatible with not only HCVRs but also most end users' existing HD/SD DVRs.

FEATURES

- Video Output Mode: AHD/TVI/CVI: 2M@30fps/25fps.

- 2.5/1" CMOS sensor.

- minimum Illumination：0.01Lux, Infrared Distance：40m.

- Support OSD Menu.

- Support DWDR.

- Housing: Metal, IP67.

HD	AI	H.+265 HEVC	WDR	IR	IP67

TECHNICAL SPECIFICATION

CAMERA

	AX-A-230MZBC (2MP)	AX-A-530MZBC (5MP)	AX-A-825MZBC (4K)
Image Sensor	3/1" CMOS Sensor		2.5/1" CMOS sensor
Image Resolution	2M:1080*1920	5M:4 1944*2592M:2 1440*2560M:1080*1920	8M:5 2160*3840M:1944*2592 4M:2 1440*2560M:1080*1920
TV System	PAL/NTSC		
Electronic Shutter	AUTO	AUTO / MANUAL	
Minimun Illumination	Color : 0.01 lux@F2.0, AGC ON; B/W : 0 lux with IR	Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR	
Scanning System	Progressive Scan		
Video Output Mode	AHD/TVI/CVI: 2M@30fps/25fps	AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; CVI:4M@30fps/25fps, 2M@30fps/25fps	AHD: 8M@15fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; TVI: 8M@15fps/12.5fps,5M@20fps/12.5fps,4M@30fps/25fps/15fps, 2M@30fps/25fps; CVI: 8M@15fps/12.5fps,4M/2M@30fps/25fps

LENS

Focus Length	12-2.8mm
Focus Control	Manual
Lens Type	Varifocal

NIGHT VISION

Night Vision	YES
Infrared LED	42µ x 4PCS
Infrared Distance	40M
IR Status	AGC Auto Control

CAMERA FEATURES

Starlight	N/A	
Day/Night	YES/NO	
OSD Menu	YES	
WDR	DWDR	
UTC	YES	
Noise Reduction	3DNR	DNR
Coaxial Audio	N/A	YES(only TVI)
White Balance	AUTO / MANUAL	
Gain Control	AUTO	

GENERAL

Housing	Metal, IP67
Bracket	YES
Operation Temperature	-10℃ ~ +60℃ RH%95 Max
Storage Temperature	-20℃ ~ +60℃ RH%95 Max
Power Source	DC12V750 ,%10±mA
Dimension	211(W) x 92(H) x 90(D)mm
Weight	1400g

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