



ANALOGUE HD

Manual Zoom Dome Camera 2MP/5MP/4K Manual Zoom Dome 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) transmission 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.
- 1/2.5" CMOS sensor.
- minimum Illumination : 0.01Lux, Infrared Distance : 20m.
- Support OSD Menu.
- Support DWDR.
- Housing: Metal, IP67.



ANALOGUE HD SERIES

TECHNICAL SPECIFICATION

CAMERA

	MV-A230-MZDC (2MP)	MV-A530-MZDC (5MP)	MV-A825-MZDC (4K)
Image Sensor	1/3" CMOS Sensor		1/2.5" CMOS sensor
Image Resolution	2M:1920*1080	5M:2592*1944 4M:2560*1440 2M:1920*1080	8M:3840*2160 5M:2592*1944 4M:2560*1440 2M:1920*1080
TV System	PAL/NTSC		
Electronic Shutter	AUTO		
Minimum 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	2.8-12mm
Focus Control	Manual
Lens Type	Varifocal

NIGHT VISION

Night Vision	YES
Infrared LED	14μ x 18PCS
Infrared Distance	20M
IR Status	AGC Auto Control

CAMERA FEATURES

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

GENERAL

Housing	Plastic
Bracket	NO
Operation Temperature	-10°C ~ +60°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
Power Source	DC12V±10%, 550mA
Dimension	∅ 112x 87(H) mm
Weight	600g