



ANALOGUE HD

AHD Plus Fixed Dome Camera **FEATURES** **2MP/5MP/4K Outdoor IR Fixed** **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.

- Video Output Mode: AHD/TVI/CVI: 8M@15fps/12.5fps.
- 1/2.8" SONY CMOS sensor.
- minimum Illumination : 0.01Lux, Infrared Distance : 30m.
- Support OSD Menu.
- Support WDR.
- Housing: Metal, IP67.



ANALOGUE HD SERIES

TECHNICAL SPECIFICATION

CAMERA

	MV-A228-PFDC (2MP)	MV-A528-PFDC (5MP)	MV-828-PFDC (4K)
Image Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor		1/2.8" SONY CMOS sensor
Image Resolution	8M:3840*2160 4M:2560*1440 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	AUTO / MANUAL	
Minimum Illumination	0.005Lux	0.01Lux	
Scanning System	Progressive Scan		
Video Output Mode	AHD/TVI/CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps	AHD/TVI: 5M@20fps/12.5fps, 4M@30fps, 2M@30fps; CVI: 4M@30fps, 2M@30fps	AHD: 8M@15fps, 5M@20fps/12.5fps, 4MP@30fps/25fps/15fps; 2M@30fps/25fps; CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps; TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M/2M@30fps/25fps

LENS

Focus Length	3.6mm
Focus Control	Fixed
Lens Type	Fixed

NIGHT VISION

Night Vision	YES
Infrared LED	42μ x 2PCS
Infrared Distance	30M
IR Status	AGC Auto Control

CAMERA FEATURES

Starlight	YES	N/A
Day/Night	YES/NO	YES
OSD Menu	YES	
WDR	YES	
UTC	YES	
Noise Reduction	AI-DNR	3DNR
Coaxial Audio	N/A	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	

GENERAL

Housing	Metal, IP67
Bracket	YES
Operation Temperature	-10°C ~ +60°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
Power Source	DC12V±10%, 500mA
Dimension	∅ 96 x 91(H) mm
Weight	600g