



## ANALOGUE HD

### **Motorized Enhance Dome Camera** **FEATURES** **2MP/5MP/4K Lite IR Varifocal** **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.
- 1/2.8" SONY Starvis Back-illuminated CMOS sensor.
- minimum Illumination : 0.01Lux, Infrared Distance : 30m.
- 2.7-13.5mm lens.
- Support WDR.
- Housing: Metal, IP67.



## ANALOGUE HD SERIES

### TECHNICAL SPECIFICATION

#### CAMERA

	MV-A228-MEDC (2MP)	MV-A528-MEDC (5MP)	MV-A828-MEDC (4K)
Image Sensor	1/2.8" SONY Starvis Back-illuminated 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	AUTO / MANUAL	
Minimum Illumination	Color : 0.001 lux@F1.6, AGC ON; B/W : 0 lux with IR	0.005Lux	0.01Lux
Scanning System	Progressive Scan		
Video Output Mode	AHD/TVI/CVI: 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	2.8-12mm Motor Zoom	2.7-13.5mm
Focus Control	Auto	Auto
Lens Type	Auto	Motorized

#### NIGHT VISION

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

#### CAMERA FEATURES

Starlight	YES
Day/Night	YES/NO
OSD Menu	YES
WDR	120dB
UTC	YES
Noise Reduction	3DNR
Coaxial Audio	N/A
White Balance	AUTO / MANUAL
Gain Control	AUTO

#### GENERAL

Housing	Metal, IP67
Bracket	Optional
Operation Temperature	-10°C ~ +60°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
Power Source	DC12V±10%, 500mA
Dimension	∅ 128 x 108(H)mm
Weight	800g