



ANALOGUE HD

Color Plus Fix Dome

2MP/5MP Lite 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.

FEATURES

- Video Output Mode: AHD/TVI: 5M@20fps/12.5fps.
- 3/1" CMOS Sensor.
- Color : 0.03 lux@F0 ,2.0 Lux with white light.
- Support OSD Menu.
- Support WDR.
- Housing: Metal, IP67.



ANALOGUE HD SERIES

TECHNICAL SPECIFICATION

CAMERA

	AX-A530M-CPFD (2MP)	AX-A825M-CPFD (5MP)
Image Sensor	3/1" CMOS Sensor	
Image Resolution	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	
Minimum Illumination	Color : 0.03 lux@F0 ,2.0 Lux with white light	
Scanning System	Progressive Scan	
Video Output Mode	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	3.6mm
Focus Control	Fixed
Lens Type	Fixed

NIGHT VISION

Night Vision	YES
Infrared LED	NO, Support Warm white (4000K)
Infrared Distance	up to 30m
IR Status	AGC Auto Control

CAMERA FEATURES

Starlight	N/A
Day/Night	Color
OSD Menu	YES
WDR	DWDR
UTC	YES
Noise Reduction	DNR
Coaxial Audio	YES(only TVI)
White Balance	AUTO / MANUAL
Gain Control	AUTO

GENERAL

Housing	Metal, IP67
Bracket	NO
Operation Temperature	-10°C ~ +60°C RH%95 Max
Storage Temperature	-20°C ~ +60°C RH%95 Max
Power Source	DC12V450 ,%10±mA
Dimension	96 Ç x 91(H) mm
Weight	600g